Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.







United States Department of Agriculture

Agricultural Research Service

ARS-147

February 1999

Wild Plants and Their Associated Insects in the Palearctic Region, Primarily Europe and the Middle East



United States
Department of
Agriculture

Agricultural Research Service

ARS-147

February 1999

Wild Plants and Their Associated Insects in the Palearctic Region, Primarily Europe and the Middle East

Gaetano Campobasso, Enzo Colonnelli, Lloyd Knutson, Gianni Terragitti, and Massimo Cristofaro, Editors

Campobasso and Terragitti are with the European Biological Control Laboratory, USDA–ARS, Rome Substation Via Colle Trugli 9, 00132 Rome, Italy; Colonnelli is with the University of Rome, Via Nicolo' Piccinino, 15, 00176 Rome, Italy; Knutson is with the European Biological Control Laboratory, USDA–ARS, Parc Scientifique Agropolis II 34092 Montpellier Cedex 5, France; and Cristofaro is with the Centro Ricerche Energia Casaccia, Via Anguillarese 301, 00060, Rome, Italy.

Abstract

Campobasso, G., E. Colonnelli, L. Knutson, G. Terragitti, and M. Cristofaro, eds. 1999. Wild Plants and Their Associated Insects in the Palearctic Region, Primarily Europe and the Middle East. U.S. Department of Agriculture, Agricultural Research Service, ARS–147, 249 pp.

This book compiles information on palearctic insects that were collected or reared from 166 species of plants of Eurasian origin. The insect species are listed taxonomically and by host plant. The host plant list includes data on rearing, feeding, and other insect-plant associations. A third list includes parasites of the insect species.

Information on the insects was obtained during the course of studies on biological control of weeds by staff of the Biological Control of Weeds Laboratory-Europe, Rome, Italy, and European Biological Control Laboratory, Montpellier, France, from 1959 through 1995. Included are the data presented by Pemberton and Hoover (1980) that treated insect species collected from 1959 to 1976.

The book serves as an initial source of information to scientists involved in the biological control of weeds and should also be of interest to insect ecologists, plant ecologists, and insect taxonomists, among others.

Keywords: biological control, insect-plant association, parasites, weeds.

While supplies last, single copies of this publication may be obtained at no cost from Gaetano Campobasso, USDA–ARS, European Biological Control Laboratory, Via Colle Trugli 9, 00132 Rome, Italy.

Copies of this publication may be purchased from the National Technical Information Service, 5285 Port Royal Road, Springfield, VA 22161; telephone (703) 605–6000.

The United States Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, and marital or family status. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at 202–720–2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326–W, Whitten Building, 14th and Independence Avenue, SW, Washington, DC 20250–9410 or call 202–720–5964 (voice or TDD). USDA is an equal opportunity provider and employer.

Contents

Acknowledgments	iv
Introduction	1
Table 1. Selected plants and associated insects, type of association, and country where collected	3
Table 2. Taxonomic list of insects and the weeds associated with them	127
Table 3. Parasites associated with biocontrol agents	236
References	242

Acknowledgments

We would like to thank the following persons associated with the European Biological Control Laboratory from 1976 to 1995, who allowed us to use their specimens to prepare and publish the data that they collected: L.A. Andres, P.E. Boldt, G.R. Buckingham, S.L. Clement, P.H. Dunn, L. Fornasari, K.E. Frick, J. Kashefi, T. Mimmocchi, F. Murano, A.C. Pastorino, P. Pecora, R.W. Pemberton, E. Piattella, A. Rizza, S.S. Rosenthal, R. Sobhian, N.R. Spencer, and M. Stazi. We also thank all identifiers listed below for their invaluable help in naming plants and insects collected in about 40 years of field work.

Insect Identifiers

Alonso-Zarazaga, M.A. Anderson, D.M. Anderson, W.H. Arnett, R.H., Jr. Ashlock, P.D. Audisio, P.A. Baldizzone, G. Batra, S.W.T. Bellamy, C.L. Biondi, M. Bologna, M. Boucek, Z. Bradley, J.D. Burks, B.D. Byers, G.W. Capps, H.W. Carl, T.M. Cartwright, E.A. Chapin, E.A. Colonnelli, E. Connell, W.A. Cox, M.L. Daccordi, M. Davis, D.L. Diller, E. Duckworth, W.D. Duffy, E.A.G. Eichlin, T.D. Ferguson, W.H. Field, W.D. Flint, O.S. Foote, R.H. Frick, R.E. Fröschner, R.C.

Gagné, R.J. Gauld, R.D. Ghauri, M.S.K. Gordh, G.H. Gordon, R.D. Grissell, E.E. Gurney, A.B. Hannemann, H.J. Henry, T.J. Heppner, J. Herring, J.D. Hodges, R.W. Holloway, J.D. Holzschuh, C. Huddleston, D. Hurd, P.D. Kingsolver, J.M. Knutson, L.V. Kramer, J.P. Kühnel, C. Leonardi, C. Madge, R.B. Marsh, P.M. Mathis, W.N. Menke, A.S. Mohr, K.H. Musebeck, C.F.W. Nelson, H.G. Nixon, G.E.J. Norrbom, A.L. Pemberton, R.W. Péricart, J. Peters, W.L. Pont, A.C. Poole, R.W.

Quinlain, J. Riedl, T. Roudier, A. Sabrosky, C.W. Sailer, R.I. Saufer, W. Sharkov, A.V. Shauff, M.E. Shaw, S.R. Smith, D.R. Solis, A. Southgate, B.J. Spangler, P.J. Spatenka, K. Spencer, K.A. Spilman, T.J. Steyskal, G.C. Stoetzel, M.B. Stone, A. Subba Rao, B.R. Thompson, F.C. Thompson, R.T. Todd, E.L. Vazirani, T.G. Vogt, G.B. Von Hayek, C.M.F. Warner, R.E. Weld, L.H. Werner, F. White, I.M. White, R.E. Whitehead, D.R. Wilder, W.

Wirth, W.W.

Woodley, N.E.

Zampetti, M. Zwölfer, H.

Plant Identifiers

Andres, L.A. Anzalone, B. Arrigoni, P.V. Boldt, P.E. Buckingham, G.R. Campobasso, G. Cesca, G. Cristofaro, M. Dunn, P.H. Fornasari, L. Frick, K.E. Kazmi, S.M.A. Pecora, P. Pemberton, R.W. Perkins, D.R. Rizza, A. Rosenthal, S.R. Sobhian, R. Spencer, N.R. Stazi, M.

Fürsch, H.

Introduction

Researchers at the USDA-ARS laboratories in Rome, Italy, Thessaloniki, Greece, and Montpellier, France have gathered a wealth of information on insects associated with plants in their research on the natural enemies of weeds that have immigrated to the United States from Eurasia. Only a small part of these data is published in papers on the major weed targets, and unless provided in a compilation, the data would be available only by reference to the research collections.

This publication lists the records of insects associated with plants from Pemberton and Hoover (1980). The list also contains insect species associated with 166 plant species in 66 genera. Although the majority of the insects were collected in Italy, some material was collected in Austria, Bulgaria, China, Egypt, France, Germany, Hungary, Iran, Iraq, Israel, Morocco, Pakistan, Poland, Portugal, Romania, Spain, Switzerland, Turkey, the former USSR, Uzbekistan, and the former Yugoslavia.

The majority of insect and plant specimens are preserved in the collection of the European Biological Control Laboratory, USDA-ARS, in Montpellier, France, Rome, Italy, and Thessaloniki, Greece. Voucher specimens are also deposited in the U.S. National Museum, Washington, D.C.

The data are arranged in three tables: table 1—plants and associated insects, table 2— a taxonomic list of insects and associated plants, and table 3—a list of parasites obtained in the laboratory. Tables 1 and 2 are comparable with tables 1 and 2 in Pemberton and Hoover (1980). We use essentially the same descriptors for the types of associations as they did. Pemberton and Hoover did not define their descriptors, but our definitions, which follow, can also be applied to theirs. The levels of insect association are listed as reared, feeding, ex plant (or stem, root, and so on), and on plant in order of decreasing intimate association.

In table 1, the type of association between an insect and plant is given at its highest level. A question mark following a genus or a species means that the identification of the taxon is uncertain, so the identifier labeled it as "near" or "possibly" a certain species.

In keeping with suggestions from the International Code of Zoological Nomenclature (ICZN 1989) "Genus sp.," Genus A sp. A," and so on are used for unknown species. We took information from labels, and therefore cannot specify if a taxon with names such as "Carduus sp.," "Stenus sp.," or the like refers to a single species or more than one species. We provided direct quotes of such information since plant and insect samples of unidentified species are available to anyone willing to identify them. Nomenclature was updated according to the following publications:

Abbazzi et al. 1995, Alonso-Zarazaga 1989, 1990, Biondi et al. 1995, Comba and Comba 1991, Dostál 1989a,b, Jelínek 1993, Pagliano and Scaramozzino 1990, Pantaleoni 1988, Pignatti 1982a,b,c, Prola et al. 1978a,b, Prola and Beer 1991, Sama 1995, Tamanini 1989, Trematerra 1992.



Table 1. Selected plants and associated insects, type of association, and country where collected

Plant and associated insect	Type of association	Country where collected
Abutilon theophrasti Medicus (Malvaceae)		
Crocidosema plebejana (Zeller) (Lepidoptera Tortricidae)	reared	Italy
Dicyphus errans (Wolff) (Hemiptera Miridae)	ex plant	Italy
Exorista larvarum (L.) (Diptera Tachinidae)	on plant	Greece
Oxycarenus hyalinipennis (Costa) (Hemiptera Lygaeidae)	on plant	Italy
Sarcophaga sp. (Diptera Sarcophagidae)	reared	Greece
Amaranthus sp. (Amaranthaceae)		
Kalkapion semivittatum (Gyllenhal)	reared	Italy
(Coleoptera Apionidae)	reareu	Italy
(Colcoptera Apiolidae)		
Anchusa sp. (Boraginaceae)		
Stephanocleonus nigrosuturatus (Goeze)	on plant	Italy
(Coleoptera Curculionidae)		
Anethum graveolens L. (Apiaceae)		
Hylemya cinerella (Fallén)	on plant	France
(Diptera Anthomyiidae)	F	
Hylemya radicum (L.) (Diptera Anthomyiidae)	on plant	France
	•	
Antirrhinum siculum Miller (Scrophulariaceae)	a	
Gymnetron netum (Germar)	ex flower	Italy
(Coleoptera Curculionidae)		
Antirrhinum sp. (Scrophulariaceae)		
Eteobalea beata Walsingham	reared	Italy
(Lepidoptera Cosmopterigydae)		,
Arctium minus (Hill.) Bernh. (Asteraceae)	1	T. 1
Cleonis pigra (Scopoli)	reared	Italy
(Coleoptera Curculionidae)		
Atriplex halimus L. (Chenopodiaceae)		
Lissobaris sp. (Coleoptera Curculionidae)	on plant	Egypt
• • • • • • • • • • • • • • • • • • • •	•	

Plant and associated insect	Type of association	Country where collected
Boreava sp. (Brassicaceae)		
Certallum ebulinum (L.)	on plant	Turkey
(Coleoptera Cerambycidae)		
Phyllotreta sp. (Coleoptera Chrysomelidae)	on plant	Turkey
Cachris ferulacea (L.) Calest. (Apiaceae)		
Lixus furcatus (Olivier) (Coleoptera Curculionidae)	on plant	Italy
Calistegia saepium (L.) R. Br.) (Convolvulaceae)		
Altica oleracea? (L.) (Coleoptera Chrysomelidae)	on plant	Italy
Gastrophysa polygoni (L.)	on plant	Italy
(Coleoptera Chrysomelidae)	1	j
Cardaria draba (L.) Desv. (Brassicaceae)		
Acanthiophilus helianthi (Rossi)	on plant	Italy
(Diptera Tephritidae)	•	•
Acanthorellia cineraria (Loew)	on plant	Turkey
(Diptera Helomyzidae)	_	·
Aedes sp. (Diptera Culicidae)	on plant	Turkey
Aelia rostrata (Boheman)	on plant	Greece
(Hemiptera Pentatomidae)		
Agapanthia cardui (L.)	on plant	Italy
(Coleoptera Cerambycidae)		
Agapanthia dahli (Richter)	on plant	Italy
(Coleoptera Cerambycidae)		
Allotrichoma sp. (Diptera Ephydridae)	on plant	Greece, Turkey
Alosimus armeniacus (Faldermann) (Coleoptera Meloidae)	on plant	Turkey
Alosimus syriacus (L.) (Coleoptera Meloidae)	on plant	Iraq
Altica brevicollis? Foudras	on plant	Greece
(Coleoptera Chrysomelidae)		
Amphicoma sp. (Coleoptera Scarabaeidae)	on plant	Turkey
Amphicoma vulpes (F.) (Coleoptera Scarabaeidae)	on plant	Turkey
Andrena sp. (Hymenoptera Andrenidae)	on plant	Greece, Iran, Italy, Turkey
Anomala sp. (Coleoptera Scarabaeidae)	on plant	Turkey
Anthrenus pimpinellae F. (Coleoptera Dermestidae)	on plant	Iran, Turkey
Anthrenus scrophulariae (L.)	on plant	Greece, Iran, Turkey
(Coleoptera Dermestidae)		•
Anthrenus verbasci (L.) (Coleoptera Dermestidae)	on plant	Italy, Turkey

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Apanteles emarginatus (Nees)	on plant	Turkey
(Hymenoptera Braconidae)		
Apanteles sp. 1 (Hymenoptera Braconidae)	reared	Italy
Apanteles sp. 2 (Hymenoptera Braconidae)	on plant	Turkey
Aphidius sp. (Hymenoptera Aphidiidae)	on plant	Turkey
Aphthona sp. (Coleoptera Chrysomelidae)	on plant	Turkey
Apis mellifera L. (Hymenoptera Apidae)	on plant	Turkey
Aprostocetus sp. (Hymenoptera Eulophidae)	on plant	Italy
Aspidolopha? sp. (Coleoptera Chrysomelidae)	on plant	Iraq
Athalia rosae (L.) (Hymenoptera Tenthredinidae)	feeding	Italy
Attagenus fasciatus (Olivier) (Coleoptera Dermestidae)	on plant	Iran
Axinotarsus sp. (Coleoptera Melyridae)	on plant	Italy
Bibio hortulanus (L.) (Diptera Bibionidae)	on plant	Turkey
Bracon sp. (Hymenoptera Braconidae)	on plant	Greece
Bruchidius bimaculatus ? (Olivier) (Coleoptera Bruchidae)	on plant	Turkey
Bruchidius gilvus (Gyllenhal) (Coleoptera Bruchidae)	on plant	Italy
Bruchidius imbricornis ? (Panzer) (Coleoptera Bruchidae)	on plant	Turkey
Bruchidius mordelloides (Baudi) (Collembola Bruchidae)	on plant	Turkey
Bruchidius nudus (Allard) (Coleoptera Bruchidae)	on plant	Italy
Bruchidius nudus? (Allard) (Coleoptera Bruchidae)	on plant	Iran, Italy, Greece
Bruchidius quinqueguttatus (Olivier) (Coleoptera Bruchidae)	on plant	Turkey
Bruchidius sp. (Coleoptera Bruchidae)	on plant	Iran, Italy, Turkey
Bruchus ervi Frölich (Coleoptera Bruchidae)	on plant	Turkey
Bruchus lentis Frölich (Coleoptera Bruchidae)	on plant	Turkey
Bruchus pisorum (L.) (Coleoptera Bruchidae)	on plant	Turkey
Bruchus rufimanus Boheman (Coleoptera Bruchidae)	on plant	Turkey
Bruchus rufipes Herbst (Coleoptera Bruchidae)	on plant	Turkey
Calamobius filum (Rossi) (Coleoptera Cerambycidae)	on plant	Italy
Calliopum aeneum (Fallén) (Diptera Lauxanidae)	on plant	Iran, Turkey
Calocoris sp. (Hemiptera Miridae)	on plant	Italy
Camponotus sp. (Hymenoptera Formicidae)	on plant	Turkey

Plant and associated insect	Type of association	Country where collected
Cantharis sp. 1 (Coleoptera Cantharidae)	on plant	Turkey
Cantharis sp. 1 (Coleoptera Cantharidae) Cantharis sp. 2 (Coleoptera Cantharidae)	on plant	Turkey
Cantharis sp. 2 (Coleoptera Cantharidae) Cantharis sp. 3 (Coleoptera Cantharidae)	on plant	Turkey
Cardiophorus discicollis ? (Herbst)	on plant	Turkey
(Coleoptera Elateridae)	on plant	Turkey
Cardiophorus rufipes ? (Goeze)	on plant	Greece
(Coleoptera Elateridae)	on plant	Greece
Cardiophorus sp. (Coleoptera Elateridae)	on plant	Iraq, Turkey
Carpocoris purpureipennis (De Geer)	on plant	Greece, Turkey
(Hemiptera Pentatomidae)	on plant	Groot, runney
Cataglyphis bicolor (F.) (Hymenoptera Formicidae)	on plant	Turkey
Cephus pygmaeus (L.) (Hymenoptera Cephidae)	on plant	Iran, Turkey
Cercopis sanguinolenta (Scopoli)	on plant	Turkey
(Homoptera Cercopidae)	on prunt	1 41.1.0 j
Cerocoma rapilyi ? Pardo (Coleoptera Meloidae)	on plant	Iran
Certallum sp. (Coleoptera Cerambycidae)	on plant	Turkey
Cetonia aurata (L.) (Coleoptera Scarabaeidae)	on plant	Turkey
Ceutorhynchus assimilis (Paykull)	on plant	Italy
(Coleoptera Curculionidae)	P.	,
Ceutorhynchus contractus (Marsham)	reared	Italy
(Coleoptera Curculionidae)		Ž
Ceutorhynchus turbatus Schultze	on plant	Iran
(Coleoptera Curculionidae)	•	
Chaetocnema conducta? Motschulsky	on plant	Turkey
(Coleoptera Chrysomelidae)	•	,
Chaetocnema sp. (Coleoptera Chrysomelidae)	on plant	Greece
Chelonus sp. (Hymenoptera Braconidae)	on plant	Turkey
Cicadella viridis (L.) (Homoptera Cicadellidae)	on plant	Italy
Circulifer opacipennis (Lethierry)	on plant	Turkey
(Homoptera Cicadellidae)	-	·
Clytus arietis (L.) (Coleoptera Cerambycidae)	on plant	Italy
Coccinella septempunctata L.	on plant	Turkey
(Coleoptera Coccinellidae)	•	•
Coccinula quatuordecimpustulata (L.)	on plant	Greece, Turkey
(Coleoptera Coccinellidae)	_	
Colaphellus noefti Ménétries	feeding	Iraq, Iran
(Coleoptera Chrysomelidae)		
Colaphellus sophiae (Schaller)	on plant	Turkey
(Coleoptera Chrysomelidae)		

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Coptomyza equina Fallén	on plant	Turkey
(Diptera Sphaerocephalidae)	P	
Cricotopus sp. (Diptera Chironomidae)	on plant	Turkey
Cryptophagus sp. (Coleoptera Cryptophagidae)	on plant	Turkey
Cteniopus sp. (Coleoptera Alleculidae)	on plant	Iraq
Dacnusa sp. (Hymenoptera Braconidae)	on plant	Italy
Danacaea sp. (Coleoptera Melyridae)	on plant	Italy
Dasytes sp. (Coleoptera Melyridae)	on plant	Italy
Diadegma sp. (Hymenoptera Ichneumonidae)	reared	Iran
Diaeretiella sp. (Hymenoptera Aphididae)	on plant	Italy, Turkey
Dictyophara sp. (Homoptera Dictyopharidae)	on plant	Italy
Diospilus oleraceus Haliday	reared	Italy
(Hymenoptera Braconidae)		
Diplazon laetatorius (F.)	on plant	Turkey
(Hymenoptera Ichneumonidae)	Oli Pillini	- 3
Dorycera hybrida Loew (Diptera Otitidae)	on plant	Iran, Turkey
Emmelia trabealis (Scopoli)	reared	Turkey
(Lepidoptera Noctuidae)		
Entedon sp. (Hymenoptera Eulophidae)	on plant	Turkey
Entomognathus sp. (Hymenoptera Sphecidae)	on plant	Turkey
Entomoscelis adonidis ? (L.)	on plant	Iraq
(Coleoptera Chrysomelidae)	1	1
Eupelix cuspidata (F.) (Homoptera Cicadellidae)	on plant	Turkey
Eurydema oleraceum (L.)	on plant	Turkey
(Hemiptera Pentatomidae)	2 P	
Eurydema sp. (Hemiptera Pentatomidae)	on plant	?
Eurydema ventrale Kolenati	on plant	Greece, Turkey
(Hemiptera Pentatomidae)	2 P	
Eurytoma sp. (Hymenoptera Eurytomidae)	on plant	Turkey
Euscelis sp. (Homoptera Cicadellidae)	on plant	Greece
Exochomus nigromaculatus (Goeze)	on plant	Iran
(Coleoptera Coccinellidae)	P	
Forficula auricularia L. (Dermaptera Forficulidae)	on plant	Italy
Galeruca daurica? Joannisiani	on plant	Iran
(Coleoptera Chrysomelidae)	5 P	
Gastrophysa polygoni (L.)	on plant	Italy, Turkey
(Coleoptera Chrysomelidae)	1	<i>J</i> , <i>J</i>
Genus sp. (Coleoptera Anthicidae)	on plant	Greece, Iran
Genus sp. (Coleoptera Staphylinidae)	on plant	Turkey
Genus sp. (Diptera Bibionidae)	on plant	Greece
1 \ 1	1	

Plant and associated insect	Type of association	Country where collected
Carrie on (Dinters Chironomides)	on plant	Turkey
Genus sp. (Diptera Chironomidae)	on plant on plant	Turkey
Genus sp. (Diptera Dolichopodidae)	on plant	Iran, Iraq, Turkey
Genus sp. (Neuroptera Chrysopidae)	on plant	Turkey
Genus sp. (Orthoptera Acridiidae) Gonia sp. (Diptera Tachinidae)	on plant	Turkey
Gonocephalum pusillum (F.)	on plant	Turkey
(Coleoptera Tenebrionidae)	-	·
Gymnetron sp. (Coleoptera Curculionidae)	on plant	Italy
Habrocytus sp. (Hymenoptera Pteromalidae)	on plant	Greece, Iran
Halictus sp. (Hymenoptera Halictidae)	on plant	Greece, Iran, Turke
Hedichridium sp. (Hymenoptera Chrysididae)	on plant	Turkey
Hippodamia variegata (Goeze) (Coleoptera Coccinellidae)	on plant	Italy, Turkey
Hydrellia sp. (Diptera Ephydridae)	on plant	Greece, Turkey
Hylemya cinerella (Fallén) (Diptera Anthomyiidae)	on plant	Greece, Turkey
Hylemya platura (Meigen) (Diptera Anthomyiidae)	on plant	Iran, Turkey
Hylemya sp. (Diptera Anthomyiidae)	on plant	Greece, Iran, Turke
Hylemya variata (Fallén) (Diptera Anthomyiidae)	on plant	Turkey
Leptocera sp. (Diptera Sphaerocephalidae)	on plant	Greece, Iran, Turke
Lepyronia coleoptrata (L.)	on plant	Turkey
(Homoptera Cercopidae)		- 1 m 1
Leucopis sp. (Diptera Chamaemyiidae)	on plant	Italy, Turkey
Liriomyza sp. (Diptera Agromyzidae)	on plant	Iran
Lonchoptera fuscata Fallén (Diptera Lonchopteridae)	on plant	Turkey
Longitarsus suturellus ? (Duftschmid) (Coleoptera Chrysomelidae)	on plant	Greece
Malachius sp. (Coleoptera Melyridae)	on plant	Turkey, Iran
Malthinus sp. 1 (Coleoptera Cantharidae)	on plant	Turkey
Malthinus sp. 2 (Coleoptera Cantharidae)	on plant	Turkey
Melieria cana Loew (Diptera Otitidae)	on plant	Iran
Meligethes aeneus (F.) (Coleoptera Nitidulidae)	on plant	Greece, Turkey
Meligethes corvinus Erichson (Coleoptera Nitidulidae)	on plant	Iran
Meligethes hypocrita? Bristowe (Coleoptera Nitidulidae)	on plant	Iran
Meligethes nigrescens Stephens (Coleoptera Nitidulidae)	on plant	Turkey
Meligethes planiusculus? Heer (Coleoptera Nitidulidae)	on plant	Iran, Turkey

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Meligethes rotundicollis Brisout	on plant	Greece
(Coleoptera Nitidulidae)		
Meligethes sp. (Coleoptera Nitidulidae)	on plant	Greece, Turkey
Melyris? sp. (Coleoptera Melyridae)	on plant	Syria
Meoneura lacteipennis (Fallén) (Diptera Milichiidae)	on plant	Turkey
Microgaster sp. (Hymenoptera Braconidae)	on plant	Turkey
Micropeza nigra Loew (Diptera Micropezidae)	on plant	Iran
Mordellistena sp. (Coleoptera Mordellidae)	on plant	Greece, Italy, Turkey
Nabis sp. (Hemiptera Nabidae)	on plant	Turkey
Necremnus sp. (Hymenoptera Eulophidae)	on plant	Italy
Nemotelus sp. (Diptera Stratiomyidae)	on plant	Iran
Nephrotoma maculata (Meigen) (Diptera Tipulidae)	feeding	Turkey
Nomada sp. (Hymenoptera Apidae)	on plant	Turkey
Notiphila cinerea Fallén (Diptera Ephydridae)	on plant	Turkey
Nysius ericae (Schilling) (Hemiptera Lygaeidae)	on plant	Iran
Oenas tenuicornis Abeille (Coleoptera Meloidae)	on plant	Turkey
Olibrus sp. (Coleoptera Phalacridae)	on plant	Turkey
Omalus punctulatus? Dahlbom	on plant	Turkey
(Hymenoptera Chrysididae)	•	·
Omophlus flavipennis? Küster	on plant	Syria, Turkey
(Coleoptera Alleculidae)	•	
Omophlus syriacus Mulsant (Coleoptera Alleculidae)	on plant	Turkey
Opius sp. (Hymenoptera Braconidae)	on plant	Turkey
Orius niger Wolff (Hemiptera Anthocoridae)	on plant	Iran
Ormyrus sp. (Hymenoptera Ormyridae)	on plant	Turkey
Oronotus sp. (Hymenoptera Ichneumonidae)	on plant	Greece, Italy
Orthochile sp. (Diptera Dolichopodidae)	on plant	Italy
Oscinella frit ? (L.) (Diptera Chloropidae)	on plant	Greece
Osmia sp. (Hymenoptera Megachilidae)	on plant	Turkey
Otites caph Loew (Diptera Otitidae)	on plant	Turkey
Otites lamed Schrank (Diptera Otitidae)	on plant	Greece
Oulema melanopus (L.)	on plant	Turkey
(Coleoptera Chrysomelidae)	1	,
Oxytelus sp. (Coleoptera Staphylinidae)	on plant	Greece, Turkey
Oxythyrea cinctella (Schaum)	on plant	Greece, Turkey
(Coleoptera Scarabaeidae)		
Phalacrus sp. (Coleoptera Phalacridae)	on plant	Greece, Italy, Turkey

Plant and associated insect	Type of association	Country where collected
Philaenus spumarius (L.)	on plant	Greece, Italy
(Homoptera Cercopidae)	-	•
Phygadeuon sp. (Hymenoptera Ichneumonidae)	on plant	Turkey
Phyllotreta sp. (Coleoptera Chrysomelidae)	on plant	Greece, Iran, Italy, Turkey
Phyllotreta striolata? (F.) (Coleoptera Chrysomelidae)	on plant	Greece, Iran
Phyllotreta undulata? Kutschera (Coleoptera Chrysomelidae)	on plant	Iran, Turkey
Phytomyza horticola Goureau (Diptera Agromyzidae)	reared	Greece, Italy
Pieris sp. (Lepidoptera Pieridae)	on plant	Italy
Piophila sp. (Diptera Piophilidae)	on plant	Turkey
Platystoma nigriventre Haliday (Diptera Platystomatidae)	on plant	Turkey
Plutella maculipennis Curtis (Lepidoptera Plutellidae)	on plant	Israel, Italy, Turkey
Plutella xylostella (L.) (Lepidoptera Plutellidae)	on plant	Iran, Syria, Turkey
Podonta nigrita (F.) (Coleoptera Alleculidae)	on plant	Turkey
Podonta sp. (Coleoptera Alleculidae)	on plant	Iraq
Poecilimon? sp. (Orthoptera Acridiidae)	on plant	Turkey
Polydrusus tibialis Boheman (Coleoptera Curculionidae)	on plant	Italy
Proctotrupes sp. (Hymenoptera Proctotrupidae)	on plant	Turkey
Psammotettix majusculus Linnavuori (Homoptera Cicadellidae)	on plant	Iran
Pseudocloeon sp. (Ephemeroptera Baetidae)	on plant	Turkey
Psilothrix sp. (Coleoptera Melyridae)	on plant	Greece, Italy
Psylliodes sp. (Coleoptera Chrysomelidae)	on plant	Iran
Psyllobora vigintiduomaculata (L.) (Coleoptera Coccinellidae)	on plant	Italy
Pteromalus puparum (L.) (Hymenoptera Pteromalidae)	on plant	Turkey
Pteromalus sp. (Hymenoptera Pteromalidae)	on plant	Greece, Iran
Rhagonycha sp. (Coleoptera Cantharidae)	on plant	Greece
Rhizarcha sp. (Hymenoptera Braconidae)	reared	Italy
Sapromyza transcaucasica Caernu (Diptera Lauxanidae)	on plant	Turkey
Scatella paludum Meigen (Diptera Ephydridae)	on plant	Iran

Plant and associated insect	Type of association	Country where collected
Scatomyza pallida (Zettersted) (Diptera Drosophilidae)	on plant	Iran, Turkey
Scatomyza sp. (Diptera Drosophilidae)	on plant	Turkey
Scatophaga stercoraria (L.) (Diptera Anthomyiidae)	on plant	Greece, Iran, Turkey
Scymnus apetzi Mulsant (Coleoptera Coccinellidae)	on plant	Italy
Scymnus interruptus (Goeze) (Coleoptera Coccinellidae)	on plant	Italy
Scymnus sp. 1 (Coleoptera Coccinellidae)	on plant	Italy
Scymnus sp. 2 (Coleoptera Coccinellidae)	on plant	Italy, Turkey
Scymnus sp. 3 (Coleoptera Coccinellidae)	on plant	Turkey
Sepsis fulgens Meigen (Diptera Sepsidae)	on plant	Greece, Iran, Italy, Turkey
Sepsis horticola Goureau (Diptera Sepsidae)	on plant	Italy
Sepsis punctum (F.) (Diptera Sepsidae)	on plant	Turkey
Sepsis violacea Meigen (Diptera Sepsidae)	on plant	Greece, Iran, Turkey
Sibinia sp. (Coleoptera Curculionidae)	on plant	Iran
Sphaerophoria rueppelli (Wiedemann) (Diptera Syrphidae)	on plant	Italy
Tapinoma sp. (Hymenoptera Formicidae)	on plant	Iran
Tephrochlamys rufiventris (Meigen) (Diptera Helomyzidae)	on plant	Turkey
Tethina incisuralis (Mayr) (Diptera Tethynidae)	on plant	Turkey
Thaumatomyia notata (Meigen) (Diptera Chloropidae)	on plant	Turkey
Thaumatomyia sulcifrons (Becker) (Diptera Chloropidae)	on plant	Iran
Thrypticus sp. (Diptera Dolichopodidae)	on plant	Italy
Triaspis sp. (Hymenoptera Braconidae)	on plant	Turkey
Trichodes sp. (Coleoptera Cleridae)	on plant	Italy, Turkey
Trixoscelis frontalis (Fallén) (Diptera Trixoscelidae)	on plant	Turkey
Trixoscelis obscurella (Fallén) (Diptera Trixoscelidae)	on plant	Turkey
Tropinota hirta (Poda) (Coleoptera Scarabaeidae)	on plant	Turkey
Trupanea stellata (Fuessly) (Diptera Tephritidae)	on plant	Iran
Valgus hemipterus (L.) (Coleoptera Scarabaeidae)	on plant	Greece, Turkey
Zophomya temula (Scopoli) (Diptera Tachinidae)	on plant	Turkey

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

	Type of	Country where
Plant and associated insect	association	collected
Carduus acanthoides L. (Asteraceae)		
Acanephodus onopordi (Kirby)	reared	Germany, Yugoslavia
(Coleoptera Apionidae)		
Agapanthia dahli (Richter)	on plant	Yugoslavia
(Coleoptera Cerambycidae)		
Ceratapion gibbirostre (Gyllenhal)	on plant	Yugoslavia
(Coleoptera Apionidae)		
Cleonis pigra (Scopoli) (Coleoptera Curculionidae)	reared	Bulgaria, Germany
Larinus jaceae (F.) (Coleoptera Curculionidae)	on plant	Bulgaria, Germany,
		Yugoslavia
Lixus filiformis (F.) (Coleoptera Curculionidae)	on plant	Bulgaria
Meligethes sp. (Coleoptera Nitidulidae)	ex dry head	Germany
Rhinocyllus conicus (Frölich)	reared	Bulgaria, Germany
(Coleoptera Curculionidae)		
Tingis ampliata? Herrich-Schäffer	on plant	Germany
(Hemiptera Tingidae)		
Tingis cardui (L.) (Hemiptera Tingidae)	on plant	Germany
Carduus candicans W. & K. (Asteraceae)		
Ceratapion gibbirostre (Gyllenhal)	ex head	Greece
(Coleoptera Apionidae)		
Larinus jaceae (F.) (Coleoptera Curculionidae)	ex head	Greece
Carduus chrysacanthus Ten. (Asteraceae)		
Larinus flavescens Germar	on plant	Yugoslavia
(Coleoptera Curculionidae)	•	
Larinus jaceae (F.) (Coleoptera Curculionidae)	on plant	Yugoslavia
Carduus collinus L. (Asteraceae)		
Acanthiophilus helianthi (Rossi)	reared	Italy
(Diptera Tephritidae)		•
Eurytoma sp. (Hymenoptera Eurytomidae)	ex head	Italy
Eurytoma tibialis Boheman	ex plant	Italy
(Hymenoptera Eurytomidae)	•	·
Genus sp. (Hymenoptera Torymidae)	ex plant	Italy
Sitona puncticollis Stephens	ex dry head	Italy
(Coleoptera Curculionidae)	J	•
Sitona verecundus (Rossi)	ex dry head	Italy
(Coleoptera Curculionidae)	J	•

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Carduus edelbergii Rech. (Asteraceae)		
Cleonis pigra (Scopoli)	feeding	Pakistan
(Coleoptera Curculionidae)	S	
Cochylis hybridella? Hübner	reared	Pakistan
(Lepidoptera Tortricidae)		
Hypera postica (Gyllenhal)	on plant	Palistan
(Coleoptera Curculionidae)	-	
Leptomias stoliczkae Faust	on plant	Pakistan
(Coleoptera Curculionidae)	•	
Lixus sp. (Coleoptera Curculionidae)	on plant	Pakistan
Melanagromyza cirsii (Rondani)	reared	Pakistan
(Diptera Agromyzidae)		
Oxythyrea sp. (Coleoptera Scarabaeidae)	on plant	Pakistan
Phycitodes binaevella? (Hübner)	reared	Pakistan
(Lepidoptera Pyralidae)		
Plusia nigrisigna Walker (Lepidoptera Noctuidae)	feeding	Pakistan
Porphyrinia parva (Hübner)	reared	Pakistan
(Lepidoptera Noctuidae)		
Tephritis heiseri Frauenfeld (Diptera Tephritidae)	reared	Pakistan
Vanessa cardui L. (Lepidoptera Nymphalidae)	feeding	Pakistan
Carduus litigiosus Nocca & Balb. (Asteraceae)		
Cryptocephalus hypochoeridis (L.)	on plant	France
(Coleoptera Chrysomelidae)	•	
Carduus macrocephalus Desf. (Asteraceae)		
Acalles diocletianus (Germar)	on plant	Italy
(Coleoptera Curculionidae)	-	•
Acalles dromedarius Boheman	on plant	Italy
(Coleoptera Curculionidae)	-	
Acanephodus onopordi (Kirby)	on plant	France, Italy
(Coleoptera Apionidae)	_	
Acanthiophilus helianthi (Rossi)	reared	Italy
(Diptera Tephritidae)		•
Adscita globulariae Hübner	feeding	Italy
(Lepidoptera Zygaenidae)		
Agapanthia cardui (L.)	feeding	Italy
(Coleoptera Cerambycidae)	S	•
Agapanthia dahli (Richter)	on plant	France
(Coleoptera Cerambycidae)		

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Agonopteryx subpropinquella Staudinger (Lepidoptera Oecophoridae)	feeding	Italy
Alophus nictitans singularis Jacquelin DuVal (Coleoptera Curculionidae)	on plant	Italy
Apanteles sp. (Hymenoptera Braconidae)	ex dry head	Italy
Apanteles phaloniae Wilkinson (Hymenoptera Braconidae)	ex stem	Italy
Aphodius sp. (Coleoptera Scarabaeidae)	on plant	Italy
Apion frumentarium (L.) (Coleoptera Apionidae)	on plant	Italy
Attelabus nitens Scopoli (Coleoptera Attelabidae)	on plant	Italy
Autographa gamma (L.) (Lepidoptera Noctuidae)	feeding	Italy
Baris coerulescens (Scopoli) (Coleoptera Curculionidae)	on plant	Italy
Bruchidius nudus (Allard) (Coleoptera Bruchidae)	ex head	Yugoslavia
Calamobius filum (Rossi) (Coleoptera Cerambycidae)	on plant	Italy
Calathus mollis (Stroem) (Coleoptera Carabidae)	on plant	Italy
Cantharis sp. (Coleoptera Cantharidae)	on plant	France
Capnodis sp. (Coleoptera Buprestidae)	on plant	Italy
Cassida margaritaceae Schaller (Coleoptera Chrysomelidae)	on plant	Italy
Cassida sp. (Coleoptera Chrysomelidae)	on plant	Italy
Cassida vibex L. (Coleoptera Chrysomelidae)	on plant	France
Cassida viridis L. (Coleoptera Chrysomelidae)	on plant	Italy
Ceratapion gibbirostre (Gyllenhal) (Coleoptera Apionidae)	on plant	Italy
Ceutorhynchus pallidactylus (Marsham) (Coleoptera Curculionidae)	on plant	Italy
Cheilosia corydon (Harris) (Diptera Syrphidae)	reared	Italy
Chrysolina sp. (Coleoptera Chrysomelidae)	on plant	Italy
Chrysolina vernalis (Brullé) (Coleoptera Chrysomelidae)	on plant	Italy
Cionus olens (F.) (Coleoptera Curculionidae)	on plant	Italy
Cleonis pigra (Scopoli) (Coleoptera Curculionidae)	reared	Italy
Coccinella septempunctata L. (Coleoptera Coccinellidae)	on plant	France
Colaphus ? sp. (Coleoptera Chrysomelidae)	on plant	Italy
Ctenichneumon sp.	ex dry head	Italy
(Hymenoptera Ichneumonidae)	·	

Plant and associated insect	Type of association	Country where collected
Diadegma fenestralis (Holmgren)	ex stem	Italy
(Hymenoptera Ichneumonidae)		•
Diadegma sp. (Hymenoptera Ichneumonidae)	ex dry head	Italy
Donus crinitus (Boheman)	on plant	Italy
(Coleoptera Curculionidae)		
Donus philanthus (Olivier)	on plant	Italy
(Coleoptera Curculionidae)	-	
Donus salviae (Schrank)	on plant	Italy
(Coleoptera Curculionidae)	-	
Entedon sp. (Hymenoptera Eulophidae)	ex dry head	Italy
Epiblema scutulana Denis & Schiffermüller	reared	Italy
(Lepidoptera Tortricidae)		•
Eristalis tenax (L.) (Diptera Syrphidae)	reared	Italy
Eurytoma robusta Mayr	ex head	France
(Hymenoptera Eurytomidae)		
Eurytoma sp. (Hymenoptera Eurytomidae)	ex dry head	Italy
Eurytoma tibialis Boheman	ex head	France
(Hymenoptera Eurytomidae)		
Forficula auricularia L. (Dermaptera Forficulidae)	on plant	Italy
Gastrophysa polygoni (L.)	on plant	Italy
(Coleptera Chrysomelidae)	•	
Genus sp. (Coleoptera Bruchidae)	on plant	Italy, Yugoslavia
Genus sp. (Coleoptera Chrysomelidae)	on plant	Italy
Genus sp. (Coleoptera Coccinellidae)	on plant	Italy
Genus sp. (Coleoptera Elateridae)	on plant	France, Italy
Genus sp. (Coleoptera Hydrophilidae)	on plant	Italy
Genus sp. (Diptera Asilidae)	on plant	Italy
Genus sp. (Hemiptera Miridae)	on plan	Italy
Genus sp. (Hemiptera Pyrrocoridae)	on plant	Italy
Genus sp. (Hemiptera Stenocephalidae)	on plant	Italy
Genus sp. (Homoptera Membracidae)	on plant	Italy
Genus sp. (Hymenoptera Braconidae)	ex larva	France, Italy
Genus sp. (Hymenoptera Eulophidae)	ex dry head	Italy
Genus sp. (Hymenoptera Eurytomidae)	ex dry head	Italy
Genus sp. (Hymenoptera Ichneumonidae)	ex dry head	Italy
Genus sp. (Hymenoptera Pteromalidae)	ex dry head	Italy
Gymnetron sp. (Coleoptera Curculionidae)	on plant	Italy
Hadroplontus trimaculatus (F.)	on plant	Italy
(Coleoptera Curculionidae)	•	•
Hypera arator (F.) (Coleoptera Curculionidae)	on plant	Italy

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Hypera fuscocinerea (Marsham)	on plant	Italy
(Coleoptera Curculionidae)	r	<i>j</i>
Hypera nigrirostris (F.)	on plant	Italy
(Coleoptera Curculionidae)	1	,
Hypera postica (Gyllenhal)	on plant	Italy
(Coleoptera Curculionidae)	•	•
Hypera striata (Boheman)	on plant	Italy
(Coleoptera Curculionidae)	•	•
Larinus flavescens Germar	on plant	Yugoslavia
(Coleoptera Curculionidae)	•	
Larinus jaceae (F.) (Coleoptera Curculionidae)	ex dry head	Italy, Yugoslavia
Larinus sturnus (Schaller)	ex dry head	France, Italy
(Coleoptera Curculionidae)		•
Lasioderma sp. (Coleoptera Anobiidae)	reared	Italy, Yugoslavia
Lixomorphus algirus (L.)	on plant	Italy
(Coleoptera Curculionidae)		
Lixus anguinus (L.) (Coleoptera Curculionidae)	on plant	Italy
Lixus angustatus (F.) (Coleoptera Curculionidae)	feeding	Italy
Lixus filiformis (F.) (Coleoptera Curculionidae)	feeding	France, Italy
Lixus junci Boheman (Coleoptera Curculionidae)	on plant	Italy
Lyciella sp. (Diptera Lauxanidae)	on plant	France
Mecaspis caesus (Gyllenhal)	on plant	Italy
(Coleoptera Curculionidae)		
Miarus sp. (Coleoptera Curculionidae)	on plant	Italy
Microplontus subfasciatus (Chevrolat)	on plant	Italy
(Coleoptera Curculionidae)		
Mogulones beckeri (Schultze)	on plant	Italy
(Coleoptera Curculionidae)		
Mogulones javetii (Gerhardt)	on plant	Italy
(Coleoptera Curculionidae)		
Napomyza lateralis (Fallén)	reared	Italy
(Diptera Agromyzidae)		
Netocia morio (F.) (Coleoptera Scarabaeidae)	feeding	Italy
Oberea sp. (Coleoptera Cerambycidae)	on plant	Italy
Olibrus bisignatus Ménétries	on plant	France
(Coleoptera Phalacridae)		
Olibrus sp. (Coleoptera Phalacridae)	ex dry head	France, Italy
Otiorhynchus scaberrimus Stierlin	on plant	Italy
(Coleoptera Curculionidae)		

Plant and associated insect	Type of association	Country where collected
Otiorhynchus singularis (F.)	ex dry head	Switzerland
(Coleoptera Curculionidae)		T. 1
Oulema melanopus (L.)	on plant	Italy
(Coleoptera Chrysomelidae)	1	Ta a la .
Pachycerus cordiger (Germar)	on plant	Italy
(Coleoptera Curculionidae)	on plant	Italy
Pachytychius sparsutus (Olivier) (Coleoptera Curculionidae)	on plant	Italy
Pegomya terebrans (Rondani)	reared	Italy
(Diptera Anthomyiidae)	reared	Italy
Phycitodes binaevella (Hübner)	reared	Italy
(Lepidoptera Pyralidae)	rourou	rtury
Pissodes notatus (F.) (Coleoptera Curculionidae)	on plant	Italy
Porphyrinia ostrina (Hübner)	feeding	Italy
(Lepidoptera Noctuidae)	- 1 1 <u>8</u>	, and j
Porphyrinia purpurina (Denis & Schiffermüller)	feeding	Italy
(Lepidoptera Noctuidae)	Č	•
Pristomerus vulnerator (Panzer)	ex stem	Italy
(Hymenoptera Ichneumonidae)		
Pseudotorymus sp. (Hymenoptera Torymidae)	ex dry head	Yugoslavia
Psila sardoa Rondani (Diptera Psilidae)	reared	Italy
Psilothrix sp. (Coleoptera Melyridae)	on plant	Italy
Psylliodes chalcomera (Illiger)	reared	Italy
(Coleoptera Chrysomelidae)		
Pyroderces argyrogrammos (Zeller)	reared	Italy
(Lepidoptera Cosmopterygidae)		
Rhinocyllus conicus (Frölich)	reared	France, Germany, Italy,
(Coleoptera Curculionidae)	•	Yugoslavia
Rhytideres plicatus (Olivier)	on plant	Italy
(Coleoptera Curculionidae)	1	T4 - 1
Sitona discoideus Gyllenhal	on plant	Italy
(Coleoptera Curculionidae)		Tan In
Sitona gemellatus Gyllenhal (Coleoptera Curculionidae)	on plant	Italy
Sitona gressorius (F.) (Coleoptera Curculionidae)	on plant	Italy
Sitona humeralis Stephens	on plant on plant	Italy
(Coleoptera Curculionidae)	on plant	itary
Sitona intermedius Küster	on plant	Italy
(Coleoptera Curculionidae)	OII PIUIII	A LOCAL T

Plant and associated insect	Type of association	Country where collected
Sitona lepidus Gyllenhal	on plant	Italy
(Coleoptera Curculionidae)		
Sitona limosus (Rossi) (Coleoptera Curculionidae)	on plant	Italy
Sitona macularius (Marsham) (Coleoptera Curculionidae)	on plant	Italy
Sitona ophthalmicus (Rossi)	on plant	Italy
(Coleoptera Curculionidae)	on plant	rtary
Sitona puberulus Reitter	on plant	Italy
(Coleoptera Curculionidae)	on plant	ituiy
Sitona sulcifrons (Thunberg)	on plant	Italy
(Coleoptera Curculionidae)	on plant	ruiy
Sitona verecundus (Rossi)	on plant	Italy
(Coleoptera Curculionidae)	on plant	itary
Sphaeroderma sp. (Coleoptera Chrysomelidae)	on plant	Italy
Stenocarus ruficornis (Stephens)	on plant	Italy
(Coleoptera Curculionidae)	on prant	<i></i>
Trachyphloeus laticollis Boheman	on plant	Italy ·
(Coleoptera Curculionidae)	р- м	
Trichosirocalus horridus (Panzer)	on plant	Italy
(Coleoptera Curculionidae)	P	<i>j</i>
Tychius quinquepunctatus (L.)	on plant	Italy
(Coleoptera Curculionidae)		J
Urophora solstitialis (L.) (Diptera Tephritidae)	reared	Italy
Urophora stylata (F.) (Diptera Tephritidae)	reared	Italy
Vanessa cardui L. (Lepidoptera Nymphalidae)	reared	Italy
<i>Xyphosia miliaris</i> ? (Schrank)	on plant	Yugoslavia
(Diptera Tephritidae)	•	C
Xyphosia sp. (Diptera Tephritidae)	reared	Yugoslavia
Carduus medius Govan (Asteraceae)		
Eurytoma sp. (Hymenoptera Eurytomidae)	ex dry head	Italy
Genus sp. (Hymenoptera Braconidae)	ex dry head	Italy
Psilothrix sp. (Coleoptera Melyridae)	on plant	Italy
Urophora solstitialis (L.) (Diptera Tephritidae)	reared	Italy
Carduus micropterus (Borb.) Teyben. (Asteraceae)		
Larinus sturnus (Schaller) (Coleoptera Curculionidae)	ex dry head	Italy
Lasioderma sp. (Coleoptera Anobiidae)	reared	Italy

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Rhinocyllus conicus (Frölich)	reared	Italy
(Coleoptera Curculionidae) Urophora sp. (Diptera Tephritidae)	reared	Italy
Carduus nutans L. (Asteraceae)		
Acalles diocletianus (Germar)	on plant	Italy
(Coleoptera Curculionidae)	P	,
Acalles dromedarius Boheman	on plant	Italy
(Coleoptera Curculionidae)	1	,
Acanephodus onopordi (Kirby)	reared	Germany, Italy
(Coleoptera Apionidae)		3,
Acanthiophilus helianthi (Rossi)	reared	Italy
(Diptera Tephritidae)		,
Adscita globulariae Hübner	on plant	Italy
(Lepidoptera Zygaenidae)	1	,
Aelia sp. (Hemiptera Pentatomidae)	on plant	Italy
Agapanthia cardui (L.)	reared	Italy
(Coleoptera Cerambycidae)		·
Agapanthia dahli (Richter)	reared	Italy
(Coleoptera Cerambycidae)		,
Agonopteryx subpropinquella Staudinger	reared	Italy
(Lepidoptera Oecophoridae)		
Agrypnus murinus (L.) (Coleoptera Elateridae)	on plant	Italy
Alophus nictitans singularis Jacquelin DuVal	on plant	Italy
(Coleoptera Curculionidae)		
Apanteles sp. (Hymenoptera Braconidae)	ex larva	Italy
Aphodius sp. (Coleoptera Scarabaeidae)	on plant	Italy
Apis mellifera L. (Hymenoptera Apidae)	on plant	Italy
Berginus sp. (Coleoptera Mycetophagidae)	ex dry stem	Italy
Bigonicheta spinipennis (Meigen) (Diptera Tachinidae)	ex dry stem	Italy
Blattaria sp. (Dictyophara Blattellidae)	on plant	Italy
Bombus lucorum L. (Hymenoptera Apidae)	on plant	Italy
Bombus senilis Smith (Hymenoptera Apidae)	on plant	Italy
Bombus silvarum (F.) (Hymenoptera Apidae)	on plant	Italy
Brachinus sp. (Coleoptera Carabidae)	on plant	Italy
Brachymeria sp. (Hymenoptera Chalcididae)	ex pupa	Italy
Bracon sp. (Hymenoptera Braconidae)	ex plant	France, Italy
Bradysia sp. (Diptera Sciaridae)	on plant	Italy
Bruchidius nudus (Allard) (Coleoptera Bruchidae)	on plant	Italy

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Bruchidius sp. (Coleoptera Bruchidae)	ex head	Italy
Bruchus pisorum (L.) (Coleoptera Bruchidae)	on plant	Italy
Calathus fuscipes (Olivier) (Coleoptera Carabidae)	on plant	Italy
Calathus mollis (Stroem) (Coleoptera Carabidae)	on plant	Italy
Calophasia lunula (Hufnagel) (Lepidoptera Noctuidae)	reared	Italy
Calosota sp. (Hymenoptera Eupelmidae)	ex pupa	Italy
Campoletis sp. (Hymenoptera Ichneumonidae)	ex flower	Italy
Cantharis sp. (Coleoptera Cantharidae)	on plant	Italy
Cardiophorus sp. (Coleoptera Elateridae)	on plant	Italy
Carpocoris purpureipennis (De Geer) (Hemiptera Pentatomidae)	feeding	Italy
Cassida margaritaceae Schaller (Coleoptera Chrysomelidae)	on plant	Italy
Cassida rubiginosa ? O.F. Müller (Coleoptera Chrysomelidae)	on plant	Italy
Cassida sp. (Coleoptera Chrysomelidae)	on plant	Italy
Catapion curtulum (Desbrochers) (Coleoptera Apionidae)	on plant	Italy
Catapion seniculus (Kirby) (Coleoptera Apionidae)	on plant	Italy
Ceratapion gibbirostre (Gyllenhal) (Coleoptera Apionidae)	reared	Greece, Italy
Cercopis sanguinolenta (Scopoli) (Homoptera Cercopidae)	on plant	Italy
Cetonia aurata (L.) (Coleoptera Scarabaeidae)	on plant	Italy
Ceutorhynchus obstrictus (Marsham) (Coleoptera Curculionidae)	ex plant	Italy
Chaetorellia jaceae Robineau-Desvoidy (Diptera Tephritidae)	reared	Italy
Cheilosia corydon (Harris) (Diptera Syrphidae)	reared	Italy
Chelonus sp. (Hymenoptera Braconidae)	ex head	Italy
Chironomus sp. (Diptera Chironomidae)	on plant	Italy
Chloropus concolor? (F.) (Coleoptera Melyridae)	on plant	Italy
Chorthippus dorsatus (Zettersted) (Orthoptera Acridiidae)	on plant	Italy
Chrysolina affinis ? (F.) (Coleoptera Chrysomelidae)	on plant	Italy
Chrysolina haemoptera (L.) (Coleoptera Chrysomelidae)	on plant	Italy

Plant and associated insect	Type of association	Country where collected
Change lines have exist (Figure 1)	14	Table
Chrysolina hyperici (Förster)	on plant	Italy
(Coleoptera Chrysomelidae)	an nlant	Italy
Chrysolina lepida (Olivier)	on plant	Italy
(Coleoptera Chrysomelidae) Chrysolina menthastri (Suffrian)	on plant	Italy
(Coleoptera Chrysomelidae)	on plant	Italy
Chrysolina vernalis (Brullé)	on plant	Italy
(Coleoptera Chrysomelidae)	on plant	Italy
Cicadella viridis (L.) (Homoptera Cicadellidae)	on plant	Italy
Cionus thapsus (F.) (Coleoptera Curculionidae)	on plant	•
Cleonis pigra (Scopoli)	on plant reared	Italy
(Coleoptera Curculionidae)	reared	Italy
Coccinella septempunctata L.	on plant	France, Italy
(Coleoptera Coccinellidae)	on plain	Trance, Italy
Cochylis posterana (Zeller)	reared	Italy
(Lepidoptera Tortricidae)	reared	italy
Colaphus? sp. (Coleoptera Chrysomelidae)	on plant	Italy
Crepidodera transversa? (Marsham)	on plant	Italy
(Coleoptera Chrysomelidae)	on plant	Italy
Cryptocephalus hypochoeridis (L.)	on plant	Italy
(Coleoptera Chrysomelidae)	on plant	itury
Ctenichneumon sp. (Hymenoptera Ichneumonidae)	ex pupa	Italy
Cycloderes canescens (Rossi)	on plant	Italy
(Coleoptera Curculionidae)	on prant	
Demetrias atricapillus (L.) (Coleoptera Carabidae)	on plant	Italy
Dermestes sp. (Coleoptera Dermestidae)	on plant	Italy
Diaclispa testacea (L.)	on plant	Italy
(Coleoptera Chrysomelidae)	r	,
Diadegma sp. (Hymenoptera Ichneumonidae)	reared	Italy
Diospylus oleraceus Haliday	ex larva	Italy
(Hymenoptera Braconidae)		,
Divales bipustulatus (F.) (Coleoptera Melyridae)	on plant	Italy
Dolycoris baccarum (L.)	on plant	Italy
(Hemiptera Pentatomidae)	•	,
Donus crinitus (Boheman)	on plant	Italy
(Coleoptera Curculionidae)	•	•
Donus philanthus (Olivier)	on plant	Italy
(Coleoptera Curculionidae)		
Donus salviae (Schrank)	on plant	Italy
(Coleoptera Curculionidae)		

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Dorcadion sp. (Coleoptera Cerambycidae)	on plant	Italy
Ectobius pallidus (Olivier) (Dictyophara Blattellidae)	on plant	Italy
Enicopus pilosus (Scopoli) (Coleoptera Melyridae)	on plant	Italy
Entedon sp. (Hymenoptera Eulophidae)	on plant	Italy
Epiblema scutulana (Denis & Schiffermüller) (Lepidoptera Tortricidae)	reared	Italy
Eristalis arbustorum (L.) (Diptera Syrphidae)	reared	?
Eucosma cana Hawkins (Lepidoptera Tortricidae)	reared	Italy
Eucosma sp. (Lepidoptera Tortricidae)	reared	Italy
Eurydema sp. (Hemiptera Pentatomidae)	on plant	Italy
Eurydema ventrale Kolenati (Hemiptera Pentatomidae)	on plant	Italy
Eurytoma sp. (Hymenoptera Eurytomidae)	ex dry head	France, Italy, Turkey
Eurytoma tibialis Boheman	ex head	France, Italy
(Hymenoptera Eurytomidae)		
Euscelis sp. (Homoptera Cicadellidae)	on plant	Italy
Eutanyacra? sp. (Hymenoptera Ichneumonidae)	ex flower	Italy
Exeristes roborator (F.)	on plant	Italy
(Hymenoptera Ichneumonidae)		
Exochomus bipustulatus (L.)	on plant	Italy
(Coleoptera Coccinellidae)		
Forficula auricularia L. (Dermaptera Forficulidae)	on plant	Italy
Galeruca sp. (Coleoptera Chrysomelidae)	on plant	Italy
Galeruca tanaceti (L.) (Coleoptera Chrysomelidae)	on plant	Italy
Galerucella luteola (Müller)	on plant	Italy
(Coleoptera Chrysomelidae)		
Gastrophysa polygoni (L.)	on plant	Italy
(Coleoptera Chrysomelidae)		
Gelis sp. (Hymenoptera Ichneumonidae)	on plant	Italy
Genus sp. (Coleoptera Anthicidae)	on plant	Italy
Genus sp. (Coleoptera Bruchidae)	on plant	Italy
Genus sp. (Coleoptera Coccinellidae)	on plant	Italy
Genus sp. (Coleoptera Elateridae)	on plant	Italy
Genus sp. (Coleoptera Staphylinidae)	on plant	Italy
Genus sp. (Diptera Otitidae)	on plant	Italy
Genus sp. (Hemiptera Miridae)	on plant	Italy
Genus sp. (Hymenoptera Braconidae)	ex plant	France, Italy, Turkey
Genus sp. (Hymenoptera Eulophidae)	on plant	Italy
Genus sp. (Hymenoptera Eumenidae)	on plant	Italy

Plant and associated insect	Type of association	Country where collected
Genus sp. (Hymenoptera Eurytomidae)	ex dry head	France, Italy, Turkey
Genus sp. (Hymenoptera Ichneumonidae)	ex plant	Italy
Genus A sp. (Hymenoptera Pteromalidae)	ex head	France
Genus B sp. (Hymenoptera Pteromalidae)	ex egg	Italy
Geomyza tripunctata Fallén (Diptera Opomyzidae)	on plant	Italy
Goniagnathus brevis (Herrich-Schaeffer) (Homoptera Cicadellidae)	on plant	Italy
Gortina flavago (Denis & Schiffermüller) (Lepidoptera Noctuidae)	reared	Italy
Gryllus sp. (Orthoptera Gryllidae)	on plant	Italy
Hadroplontus trimaculatus (F.) (Coleoptera Curculionidae)	reared	Italy
Halictus scabiosae (Rossi) (Hymenoptera Halictidae)	on plant	Italy
Harpalus sp. (Coleoptera Carabidae)	on plant	Italy
Heliophilus trivittatus (F.) (Diptera Syrphidae)	on plant	Italy
Hippodamia variegata (Goeze) (Coleoptera Coccinellidae)	on plant	Italy
Holotrichapion pisi (F.) (Coleoptera Apionidae)	on plant	Italy
Homoeosoma nebulella (Denis & Schiffermüller) (Lepidoptera Pyralidae)	reared	Italy
Hypera meles (F.) (Coleoptera Curculionidae)	on plant	Italy
Hypera nigrirostris (F.) (Coleoptera Curculionidae)	on plant	Italy
Hypera zoilus (Scopoli) (Coleoptera Curculionidae)	feeding	Italy
Ichneumon sp. (Hymenoptera Ichneumonidae)	ex flower	Italy
Lagria hirta (L.) (Coleoptera Lagriidae)	on plant	Italy
Larinus cynarae (F.) (Coleoptera Curculionidae)	on plant	Italy
Larinus inaequalicollis Capiomont (Coleoptera Curculionidae)	on plant	Russia
Larinus jaceae (F.) (Coleoptera Curculionidae)	reared	France, Italy, Greece, Turkey
Larinus latus (Herbst) (Coleoptera Curculionidae)	on plant	Turkey
Larinus planus (F.) (Coleoptera Curculionidae)	on plant	France, Italy
Larinus sturnus (Schaller) (Coleoptera Curculionidae)	reared	Italy, Greece, Russia
Larinus ursus (F.) (Coleoptera Curculionidae)	feeding	Italy

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

lant and associated insect	Type of association	Country where collected
Lasioderma baudii Schilsky	reared	Italy
(Coleoptera Anobiidae)		
Lasioderma obscurum? Solsky	reared	Italy
(Coleoptera Anobiidae)		
Lasioderma serricorne (F.) (Coleoptera Anobiidae)	reared	Italy
Lasioderma sp. (Coleoptera Anobiidae)	reared	Italy
Lasioglossum xanthopus (Kirby)	on plant	Italy
(Hymenoptera Halictidae)		
Lixomorphus algirus (L.)	on plant	Italy
(Coleoptera Curculionidae)		
Lixus albomarginatus Boheman	on plant	Italy
(Coleoptera Curculionidae)	•	
Lixus anguinus (L.) (Coleoptera Curculionidae)	on plant	Italy
Lixus angustatus (F.) (Coleoptera Curculionidae)	on plant	Italy
Lixus filiformis (F.) (Coleoptera Curculionidae)	reared	France, Italy
Lixus myagri (Olivier) (Coleoptera Curculionidae)	on plant	Italy
Longitarsus jacobaeae? (Waterhouse)	on plant	Italy
(Coleoptera Chrysomelidae)	•	•
Magdalis frontalis (Gyllenhal)	on plant	Italy
(Coleoptera Curculionidae)	•	•
Malachius sp. (Coleoptera Melyridae)	on plant	Italy
Mamestra brassicae (L.) (Lepidoptera Noctuidae)	reared	Italy
Mecaspis alternans (Herbst)	on plant	Italy
(Coleoptera Curculionidae)	•	ř
Megaselia sp. (Diptera Phoridae)	on plant	Italy
Megasternum obscurum (Marsham)	on plant	Italy
(Coleoptera Hydrophilidae)	1	,
Melanargia galathea (L.) (Lepidoptera Satyridae)	feeding	Italy
Meligethes sp. (Coleoptera Nitidulidae)	on plant	Italy
Melitaea cynthia (L.) (Lepidoptera Nymphalidae)	feeding	Italy
Metabletus sp. (Coleoptera Carabidae)	on plant	Italy
Microplontus subfasciatus (Chevrolat)	on plant	Italy
(Coleoptera Curculionidae)	F	
Mogulones beckeri (Schultze)	on plant	Italy
(Coleoptera Curculionidae)	p - s	
Mogulones javetii (Gerhardt)	on plant	Italy
(Coleoptera Curculionidae)	F	<i>J</i>
Mordellistena episternalis ? Mulsant	on plant	Italy
(Coleoptera Mordellidae)	5 P	J
Musca autumnalis De Geer (Diptera Muscidae)	on plant	Italy

Plant and associated insect	Type of association	Country where collected
Myelois cribrella (Hübner)	reared	Italy
(Lepidoptera Pyralidae)		,
Netocia morio (F.) (Coleoptera Scarabaeidae)	on plant	Italy
Oecanthus pellucens (Scopoli)	on plant	Italy
(Orthoptera Gryllidae)	1	3
Oedemera nobilis L. (Coleoptera Oedemeridae)	on plant	Italy
Olibrus bisignatus Ménétries	on plant	France, Italy
(Coleoptera Phalacridae)	•	•
Olibrus sp. (Coleoptera Phalacridae)	on plant	Italy
Oligomerus ptilinoides (Wollaston)	on plant	Italy
(Coleoptera Anobiidae)		
Oscinella frit? (L.) (Diptera Chloropidae)	on plant	Italy
Otiorhynchus anthracimus (Scopoli)	on plant	Italy
(Coleoptera Curculionidae)		
Otiorhynchus armatus Boheman	on plant	Italy
(Coleoptera Curculionidae)		
Otiorhynchus ovatus (L.)	ex plant	Germany
(Coleoptera Curculionidae)		
Otiorhynchus scaberrimus Stierlin	on plant	Italy
(Coleoptera Curculionidae)		
Oxythyrea funesta (Poda)	on plant	Italy
(Coleoptera Scarabaeidae)		
Paragus quadrifasciatus (Meigen)	on plant	Italy
(Diptera Syrphidae)		
Philaenus spumarius (L.)	on plant	Italy
(Homoptera Cercopidae)		
Phycitodes binaevella (Hübner)	reared	Italy
(Lepidoptera Pyralidae)		
Phyllobius etruscus Desbrochers	on plant	Italy
(Coleoptera Curculionidae)		- 1
Phyllobius subdentatus Bach	on plant	Italy
(Coleoptera Curculionidae)		_ 4
Platystoma gemmationis (Rondani)	on plant	Italy
(Diptera Platystomatidae)		
Podagrica malvae (Illiger)	on plant	Italy
(Coleoptera Chrysomelidae)		T 1
Pollenia rudis (F.) (Diptera Calliphoridae)	on plant	Italy
Polyodaspis ruficornis (Macquart)	reared	Italy
(Diptera Chloropidae)		

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Porphyrinia porphyrina (Denis & Schiffermüller)	reared	Italy
(Lepidoptera Noctuidae) Porphyrinia purpurina (Denis & Schiffermüller) (Lepidoptera Noctuidae)	feeding	Italy
Propylea quatuordecimpunctata (L.) (Coleoptera Coccinellidae)	on plant	Italy
Pseudoprotapion astragali (Paykull) (Coleoptera Apionidae)	on plant	Italy
Pseudotorymus sp. (Hymenoptera Torymidae)	ex dry head	France, Switzerland
Psilothrix sp. (Coleoptera Melyridae)	on plant	Italy
Psylliodes chalcomera (Illiger) (Coleoptera Chrysomelidae)	feeding	Italy
Psyllobora vigintiduomaculata (L.) (Coleoptera Coccinellidae)	on plant	Italy
Pyrausta sp. (Lepidoptera Pyralidae)	reared	Italy
Pyroderces argyrogrammos (Zeller) (Lepidoptera Cosmopterygidae)	reared	France, Italy
Rhinocyllus conicus (Frölich) (Coleoptera Curculionidae)	reared	France, Greece, Italy Russia
Rhizobius litura (F.) (Coleoptera Coccinellidae)	on plant	Italy
Scymnus frontalis (F.) (Coleoptera Coccinellidae)	on plant	Italy
Sepsis sp. (Diptera Sepsidae)	on plant	Italy
Sibinia attalica Gyllenhal (Coleoptera Curculionidae)	on plant	Italy
Silpha sp. (Coleoptera Silphidae)	on plant	Italy
Sitona discoideus Gyllenhal (Coleoptera Curculionidae)	on plant	Italy
Sitona gressorius (F.) (Coleoptera Curculionidae)	on plant	Italy
Sitona intermedius Küster (Coleoptera Curculionidae)	on plant	Italy
Sitona limosus (Rossi) (Coleoptera Curculionidae)	on plant	Italy
Sitona macularius (Marsham) (Coleoptera Curculionidae)	on plant	Italy
Sitona ophthalmicus (Rossi) (Coleoptera Curculionidae)	on plant	Italy
Sitona puberulus Reitter (Coleoptera Curculionidae)	on plant	Italy
Sitona puncticollis Stephens (Coleoptera Curculionidae)	on plant	Italy

Plant and associated insect	Type of association	Country where collected
		T. 1
Sitophilus oryzae (L.)	ex plant	Italy
(Coleoptera Rhynchophoridae)		T. 1
Solenaspis sp. (Hymenoptera Formicidae)	on plant	Italy
Sphaeroderma rubidum (Graëlls)	reared	Italy
(Coleoptera Chrysomelidae)		
Sphaeroderma testaceum (L.)	feeding	Italy
(Coleoptera Chrysomelidae)		
Sphaerophoria rueppelli (Wiedemann) (Diptera Syrphidae)	reared	Italy
Stephanocleonus nigrosuturatus (Goeze)	on plant	Italy
(Coleoptera Curculionidae)	•	•
Strophomorphus porcellus (Schönherr)	on plant	Italy
(Coleoptera Curculionidae)	1	,
Subcoccinella vigintiquatuorpunctata (L.)	on plant	Italy
(Coleoptera Coccinellidae)	r r	<i>y</i>
Syrphoctonus flavolineatus (Gravenhorst)	on plant	Italy
(Hymenoptera Ichneumonidae)	0 11 P 200-10	
Tephritis sp. (Diptera Tephritidae)	on plant	Italy
Terellia serratulae (L.) (Diptera Tephritidae)	reared	Italy
Thorectes intermedius (Costa)	on plant	Italy
(Coleoptera Scarabaeidae)	on plant	
Tingis cardui (L.) (Hemiptera Tingidae)	feeding	Germany, Italy
Tingis sp. (Hemiptera Tingidae)	on plant	Italy
Trachyphloeus laticollis Boheman	on plant	Italy
(Coleoptera Curculionidae)	on plant	ruiy
Trichosirocalus horridus (Panzer)	reared	Italy
(Coleoptera Curculionidae)	104104	1tu. y
Tropinota hirta (Poda) (Coleoptera Scarabaeidae)	on plant	Italy
Tropinota squalida (Scopoli)	on plant	Italy
(Coleoptera Scarabaeidae)	on plant	ituiy
Urophora quadrifasciata (Meigen)	reared	Turkey
(Diptera Tephritidae)	reared	Tarkey
Urophora solstitialis (L.) (Diptera Tephritidae)	reared	Italy
Urophora sp. (Diptera Tephritidae)	on plant	Italy
Urophora stylata (F.) (Diptera Tephritidae)	reared	France, Italy
Urophora sybinata (Rondani) (Diptera Tephritidae)	reared	Italy
Valgus hemipterus (L.) (Coleoptera Scarabaeidae)	on plant	Italy
Vanessa cardui L. (Lepidoptera Nymphalidae)	reared	Italy
Xylocopa violacea (L.) (Hymenoptera Apidae)	on plant	Italy

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Xyphosia miliaris ? (Schrank)	reared	Italy
(Diptera Tephritidae)		
Carduus personatus (L.) Jacq. (Asteraceae)		
Larinus planus (F.) (Coleoptera Curculionidae)	ex dry head	Austria
Carduus pycnocephalus L. (Asteraceae)		
Acalles diocletianus (Germar)	reared	Italy
(Coleoptera Curculionidae)		
Acalles dromedarius Boheman	reared	Italy
(Coleoptera Curculionidae)		-
Acanephodus onopordi (Kirby)	reared	France
(Coleoptera Apionidae)		
Acanthiophilus helianthi (Rossi)	reared	Italy
(Diptera Tephritidae)		-
Agapanthia cardui (L.)	on plant	Italy
(Coleoptera Cerambycidae)	-	-
Agapanthia villosoviridescens (De Geer)	on plant	Italy
(Coleoptera Cerambycidae)	-	-
Agonopteryx sp. (Lepidoptera Oecophoridae)	reared	Greece
Baris timida (Rossi) (Coleoptera Curculionidae)	feeding	Italy
Bracon sp. 1 (Hymenoptera Braconidae)	ex larva	France, Italy
Bracon sp. 2 (Hymenoptera Braconidae)	ex larva	Italy
Bracon sp. 3 (Hymenoptera Braconidae)	ex larva	Italy
Bracon sp. 4 (Hymenoptera Braconidae)	ex plant	Italy
Bruchus rufipes Herbst (Coleoptera Bruchidae)	on plant	Italy
Calosota matritensis? Bolivar & Pieltain	ex plant	Italy
(Hymenoptera Eupelmidae)		
Calosota sp. (Hymenoptera Eupelmidae)	ex plant	Italy
Cantharis sp. (Coleoptera Cantharidae)	on plant	Italy
Cardiophorus sp. (Coleoptera Elateridae)	on plant	Italy
Cassida rubiginosa? O.F. Müller (Coleoptera Chrysomelidae)	reared	Italy
Cassida vibex L. (Coleoptera Chrysomelidae)	reared	Italy
Cassida viridis L. (Coleoptera Chrysomelidae)	on plant	Italy
Ceratapion gibbirostre (Gyllenhal) (Coleoptera Apionidae)	reared	France, Italy
Cercopis sanguinolenta (Scopoli) (Homoptera Cercopidae)	on plant	Italy

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Ceutorhynchus obstrictus (Marsham)	on plant	Italy
(Coleoptera Curculionidae)	•	•
Chloromyia formosa (L.) (Diptera Stratiomyidae)	on plant	Italy
Chrysolina grossa (F.)	on plant	Italy
(Coleoptera Chrysomelidae)	•	•
Cionus hortulanus (Fourcroy)	on plant	Italy
(Coleoptera Curculionidae)	•	•
Cleonis pigra (Scopoli)	on plant	Italy
(Coleoptera Curculionidae)		
Cryptocephalus sp. (Coleoptera Chrysomelidae)	on plant	France
Dendrocerus sp. (Hymenoptera Ceraphronidae)	ex pupa	Italy
Donus salviae (Schrank)	on plant	Italy
(Coleoptera Curculionidae)		
Eurydema sp. (Hemiptera Pentatomidae)	on plant	Italy
Eurytoma robusta Mayr	ex head	Italy
(Hymenoptera Eurytomidae)		
Eurytoma sp. (Hymenoptera Eurytomidae)	ex head	France
Eurytoma tibialis Boheman	ex head	France
(Hymenoptera Eurytomidae)		
Galerucella luteola (O.F. Müller)	on plant	Italy
(Coleoptera Chrysomelidae)		
Gastrophysa polygoni (L.)	on plant	Italy
(Coleoptera Chrysomelidae)		
Genus sp. (Coleoptera Alleculidae)	on plant	Italy
Genus sp. (Coleoptera Chrysomelidae)	on plant	Italy
Genus A sp. (Hymenoptera Braconidae)	ex larva	Italy
Genus B sp. (Hymenoptera Braconidae)	ex plant	Italy
Genus C sp. (Hymenoptera Braconidae)	ex aphid	Italy
Genus sp. (Hymenoptera Eurytomidae)	ex head	Italy
Genus sp. (Hymenoptera Ichneumonidae)	ex larva	Italy
Genus A sp. (Hymenoptera Pteromalidae)	ex larva	Italy
Genus B sp. (Hymenoptera Pteromalidae)	ex plant	Italy
Genus C sp. (Hymenoptera Pteromalidae)	ex pupa	Italy
Hadroplontus trimaculatus (F.)	on plant	Italy
(Coleoptera Curculionidae)		
Hyponepheles sp. (Lepidoptera Satyridae)	on plant	Italy
Lamprotatus splendens Westwood	ex leaves	Italy
(Hymenoptera Pteromalidae)		
Larinus cynarae (F.) (Coleoptera Curculionidae)	on plant	Italy
Larinus jaceae (F.) (Coleoptera Curculionidae)	ex head	Greece

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

lant and associated insect	Type of association	Country where collected
Larinus planus (F.) (Coleoptera Curculionidae)	reared	France, Italy
Larinus sturnus (Schaller)	on plant	Italy
(Coleoptera Curculionidae) Lasioderma baudii Schilsky (Coleoptera Anobiidae)	reared	Italy
Lasiommata megera (L.) (Lepidoptera Satyridae)	feeding	Italy
Lixus angustatus (F.) (Coleoptera Curculionidae)	on plant	Italy
Lixus cardui (Olivier) (Coleoptera Curculionidae)	on plant	Italy
Lixus filiformis (F.) (Coleoptera Curculionidae)	reared	France, Italy
Lixus junci Boheman (Coleoptera Curculionidae)	on plant	Italy
Longitarsus picicornis ? Weise (Coleoptera Chrysomelidae)	on plant	Italy
Lydus trimaculatus italicus Kaszab (Coleoptera Meloidae)	ex dry head	Italy
Mogulones javetii (Gerhardt) (Coleoptera Curculionidae)	on plant	Italy
Oxythyrea funesta (Poda) (Coleoptera Scarabaeidae)	on plant	Italy
Philaenus spumarius (L.) (Homoptera Cercopidae)	on plant	Italy
Phycitodes binaevella (Hübner) (Lepidoptera Pyralidae)	reared	Italy
Podonta nigrita (F.) (Coleoptera Alleculidae)	on plant	Italy
Pollenia rudis (F.) (Diptera Calliphoridae)	on plant	Italy
Pseudotorymus sp. (Hymenoptera Torymidae)	ex head	Italy
Psilothrix sp. (Coleoptera Melyridae)	on plant	Italy
Psylliodes chalcomera (Illiger) (Coleoptera Chrysomelidae)	feeding	Italy
Pyroderces argyrogrammos (Zeller) (Lepidoptera Cosmopterygidae)	reared	France, Italy
Rhinocyllus conicus (Frölich) (Coleoptera Curculionidae)	reared	Italy
Rhizobius litura (F.) (Coleoptera Coccinellidae)	on plant	Italy
Scymnus frontalis (F.) (Coleoptera Coccinellidae)	on plant	Italy
Sitona lineatus (L.) (Coleoptera Curculionidae)	ex plant	Italy
Sitophilus oryzae (L.) (Coleoptera Rhynchophoridae)	ex plant	Italy
Tingis ampliata? Herrich-Schäffer (Hemiptera Tingidae)	feeding	France, Italy
Tingis cardui (L.) (Hemiptera Tingidae)	on plant	France, Italy

Plant and associated insect	Type of association	Country where collected
Trichosirocalus horridus (Panzer)	feeding	Italy
(Coleoptera Curculionidae)	reeding	Italy
Trichosteresis glabra (Boheman)	ex pupa	Italy
(Hymenoptera Megaspilidae)	cx pupa	itary
Tropinota hirta (Poda) (Coleoptera Scarabaeidae)	on plant	Italy
Tropinota squalida (F.) (Coleoptera Scarabaeidae)	on plant	Italy
Carduus sp. (Asteracee)		
Asaphes vulgaris (Walker)	ex larva	Italy
(Hymenoptera Pteromalidae)		v
Cassida rubiginosa? O.F. Müller	on plant	Turkey
(Coleoptera Chrysomelidae)		
Ceratapion gibbirostre (Gyllenhal)	reared	Italy
(Coleoptera Apionidae)		
Cheilosia cynocephala Loew (Diptera Syrphidae)	feeding	Russia
Genus sp. (Diptera Tephritidae)	reared	France, Italy,
		Yugoslavia
Genus sp. (Hymenoptera Eulophidae)	ex larva	Italy
Genus sp. (Lepidoptera Tortricidae)	reared	Italy, Yugoslavia
Larinus jaceae (F.) (Coleoptera Curculionidae)	ex head	Greece
Lasioderma sp. (Coleoptera Anobiidae)	reared	Italy
Otiorhynchus singularis (F.)	on plant	Switzerland
(Coleoptera Curculionidae)	1	T. 1
Phyllobius maculicornis Germar	on plant	Italy
(Coleoptera Curculionidae)	. 11	т. 1
Phytomyptera nigrina (Meigen)	ex stem gall	Italy
(Diptera Tachinidae)	fooding	Itale.
Porphyrinia purpurina (Denis & Schiffermüller) (Lepidoptera Noctuidae)	feeding	Italy
Rhinocyllus conicus (Frölich)	roorad	Italy Grand
(Coleoptera Curculionidae)	reared	Italy, Greece
Rhinocyllus oblongus Capiomont	?	?
(Coleoptera Curculionidae)	'	!
Voria ruralis (Fallén) (Diptera Tachinidae)	ex root	Italy
Zeuxia nigripes (Meigen) (Diptera Tachinidae)	ex stem	Italy
Leaste high pes (Weigen) (Dipiera Tacininae)	ex stelli	Italy
Carduus tenuiflorus Curtis (Asteraceae)		
Agapanthia cardui (L.) (Coleoptera Cerambycidae)	on plant	Italy
Ceratapion gibbirostre (Gyllenhal)	reared	Italy
(Coleoptera Apionidae)		

Plant and associated insect	Type of association	Country where collected
Cochylis posterana (Zeller)	reared	Italy
(Lepidoptera Tortricidae)		
Cryptocephalus hypochoeridis (L.) (Coleoptera Chrysomelidae)	on plant	Italy
Elachertus sp. (Hymenoptera Eulophidae)	ex larva	Italy
Galeruca tanaceti (L.) (Coleoptera Chrysomelidae)	on plant	Italy
Genus sp. (Hymenoptera Pteromalidae)	ex plant	Italy
Gymnetron bipustulatum (Rossi) (Coleoptera Curculionidae)	on plant	Italy
Lasioderma baudii Schilsky (Coleoptera Anobiidae)	reared	Italy
Lasioderma serricorne (F.) (Coleoptera Anobiidae)	reared	Italy
Lixus junci Boheman (Coleoptera Curculionidae)	on plant	Italy
Norbanus meridionalis (Masi) (Hymenoptera Pteromalidae)	reared	Italy
Tingis cardui (L.) (Hemiptera Tingidae)	on plant	Italy
Carduus thoermeri Weinm. (Asteraceae)		
Bracon sp. (Hymenoptera Braconidae)	on plant	Turkey
Carpocoris mediterraneus Tamanini (Hemiptera Pentatomidae)	on plant	Greece
Chaetorellia jaceae Robineau-Desvoidy (Diptera Tephritidae)	on plant	Italy
Cleonis pigra (Scopoli) (Coleoptera Curculionidae)	on plant	Turkey
Coriomeris scabricornis (Panzer) (Hemiptera Coreidae)	on plant	Turkey
Epiblema scutulana (Denis & Schiffermüller) (Lepidoptera Tortricidae)	reared	Italy
Eurydema ventrale Kolenati (Hemiptera Pentatomidae)	on plant	Greece
Eurytoma sp. (Hymenoptera Eurytomidae)	ex dry head	Austria, Yugoslavia
Larinus jaceae (F.) (Coleoptera Curculionidae)	ex dry head	Bulgaria, Greece, Russia, Yugoslavia
Larinus latus (Herbst) (Coleoptera Curculionidae)	on plant	Bulgaria
Larinus turbinatus Gyllenhal	on plant	Bulgaria
(Coleoptera Curculionidae)	on plant	Duigaria
Lasioderma obscurum? Solsky	reared	Russia
(Coleoptera Anobiidae)	i cai ca	Russiu

Plant and associated insect	Type of association	Country where collected
Lasioderma sp. (Coleoptera Anobiidae)	reared	Yugoslavia, Greece,
		Russia
Lixus cardui (Olivier)	on plant	Turkey
(Coleoptera Curculionidae)		
Lixus filiformis (F.) (Coleoptera Curculionidae)	on plant	Bulgaria, Turkey
Mylabris variabilis (Pallas)	on plant	Turkey
(Coleoptera Meloidae)		
Oxythyrea cinctella (Schaum)	on plant	Greece
(Coleoptera Scarabaeidae)		
Porphyrinia porphyrina (Denis & Schiffermüller) (Lepidoptera Noctuidae)	reared	Italy
Pyroderces argyrogrammos (Zeller) (Lepidoptera Cosmopterygidae)	reared	Russia
Rhinocyllus conicus (Frölich) (Coleoptera Curculionidae)	reared	Yugoslavia
Scymnus frontalis (F.) (Coleoptera Coccinellidae)	on plant	Russia
Stevenia sp. (Diptera Rhinophoridae)	on plant	Turkey
Tephritis sp. (Diptera Tephritidae)	reared	Russia
Terellia serratulae (L.) (Diptera Tephritidae)	on plant	?
Tingis sp. (Hemiptera Tingidae)	on plant	Yugoslavia
Tropinota squalida (Scopoli)	on plant	Bulgaria
(Coleoptera Scarabaeidae)	on plant	Daigaria
Urophora solstitialis (L.) (Diptera Tephritidae)	reared	Italy
Urophora sp. (Diptera Tephritidae)	reared	Russia
Cropnora sp. (Diptera Teplindae)	reared	Russiu
Carduus tmoleus Boiss. ssp. armatus (Boiss & Held	lr.) Franco (Ast	teraceae)
Larinus jaceae (F.) (Coleoptera Curculionidae)	ex dry head	Greece
Larinus minutus Gyllenhal	ex dry head	Greece
(Coleoptera Curculionidae)		
Rhinocyllus conicus (Frölich)	ex dry head	Greece
(Coleoptera Curculionidae)		
Carduus uncinatus Bieb. (Asteraceae)		
Tephritis sp. (Diptera Tephritidae)	reared	Russia
Urophora sp. (Diptera Tephritidae)	reared	Russia
Carduus vivariensis Jordan (Asteraceae)		
Cochylis posterana (Zeller) (Lepidoptera Tortricidae)	reared	Italy
Diadegma sp. (Hymenoptera Ichneumonidae)	ex dry head	Italy

Plant and associated insect	Type of association	Country where collected
Epiblema scutulana (Denis & Schiffermüller) (Lepidoptera Tortricidae)	reared	Italy
Eurytoma sp. (Hymenoptera Eurytomidae)	ex dry head	Italy
Harpalus sp. (Coleoptera Carabidae)	on plant	Italy
Larinus jaceae (F.) (Coleoptera Curculionidae)	ex dry head	Italy
Norbanus meridionalis (Masi) (Hymenoptera Pteromalidae)	reared	Italy
Pyroderces argyrogrammos (Zeller) (Lepidoptera Cosmopterygidae)	reared	Italy
Urophora solstitialis (L.) (Diptera Tephritidae)	reared	Italy
Carlina corymbosa L. (Asteraceae)		
Genus sp. (Coleoptera Buprestidae)	feeding	Greece
Larinus carinirostris Gyllenhal (Coleoptera Curculionidae)	ex head	Greece
Larinus jaceae (F.) (Coleoptera Curculionidae)	ex head	Greece
Larinus sp. (Coleoptera Curculionidae)	feeding	Greece
Larinus ursus (F.) (Coleoptera Curculionidae)	feeding	Italy
Lixus cardui (Olivier) (Coleoptera Curculionidae)	feeding	Greece
Sitona verecundus (Rossi) (Coleoptera Curculionidae)	ex dry head	Greece
Trichosirocalus urens (Gyllenhal) (Coleoptera Curculionidae)	feeding	Greece
Carlina lanata L. (Asteraceae)		
Larinus ursus (F.) (Coleoptera Curculionidae)	reared	Italy
Carlina vulgaris L. (Asteraceae)		
Larinus brevis (Herbst)	reared	Austria, Greece
(Coleoptera Curculionidae)		,
Larinus ursus (F.) (Coleoptera Curculionidae)	feeding	Italy
Carthamus dentatus (Forsk.) Val. (Asteraceae)		
Bangasternus planifrons (Brullé) (Coleoptera Curculionidae)	reared	Greece
Diplapion stolidum (Germar) (Coleoptera Apionidae)	ex head	Greece
Larinus rusticanus Gyllenhal (Coleoptera Curculionidae)	ex head	Italy

Plant and associated insect	Type of association	Country where collected
Larinus syriacus Gyllenhal (Coleoptera Curculionidae)	ex head	Greece
Carthamus lanatus L. (Asteraceae)		
Acanephodus onopordi (Kirby)	ex head	Greece
(Coleoptera Apionidae)		
Acanthiophilus helianthi (Rossi)	reared	Italy
(Diptera Tephritidae)		,
Bangasternus planifrons (Brullé)	reared	Greece
(Coleoptera Curculionidae)		
Ceratapion scalptum (Mulsant & Rey)	ex head	Greece
(Coleoptera Apionidae)		
Diplapion stolidum (Germar)	ex head	Greece
(Coleoptera Apionidae)		
Eurytoma robusta Mayr	reared	Italy
(Hymenoptera Eurytomidae)		
Gymnetron tetrum (F.)	ex dry head	Greece
(Coleoptera Curculionidae)		
Genus sp. (Diptera Tephritidae)	reared	Greece, Italy
Genus sp. (Lepidoptera Noctuidae)	reared	Italy
Larinus flavescens Germar	feeding	Italy
(Coleoptera Curculionidae)		
Larinus jaceae (F.) (Coleoptera Curculionidae)	reared	Italy
Larinus orientalis Capiomont	ex dry head	Greece
(Coleoptera Curculionidae)		
Larinus rusticanus Gyllenhal	reared	Italy, Greece
(Coleoptera Curculionidae)		
Larinus syriacus Gyllenhal	ex dry head	Greece
(Coleoptera Curculionidae)		
Myelois cribrella (Hübner)	reared	Italy
(Lepidoptera Pyralidae)		
Porphyrinia parva (Hübner)	reared	Italy
(Lepidoptera Noctuidae)		
Pyroderces argyrogrammos (Zeller)	reared	Italy
(Lepidoptera Cosmopterygidae)		
Tychius argentatus Chevrolat	ex dry head	Greece
(Coleoptera Curculionidae)		
Tychius picirostris (F.)	ex dry head	Greece
(Coleoptera Curculionidae)		

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Carthamus sp. (Asteraceae)		
Larinus syriacus Gyllenhal (Coleoptera Curculionidae)	on plant	Russia
Carthamus tinctorius L. (Asteraceae)		
Acanephodus onopordi (Kirby)	feeding	Italy
(Coleoptera Apionidae)		
Acanthiophilus helianthi (Rossi)	reared	Greece
(Diptera Tephritidae)	1	
Bangasternus planifrons (Brullé) (Coleoptera Curculionidae)	reared	Greece
Ceratapion penetrans (Germar)	on plant	Greece
(Coleoptera Apionidae)	1	
Ceratapion scalptum (Mulsant & Rey)	feeding	Italy
(Coleoptera Apionidae)		_
Ceratapion sp. (Coleoptera Apionidae)	reared	Greece
Chaetorellia sp. (Diptera Tephritidae)	reared	Israel
Dasytes mulsanti? Schilsky	ex head	Italy
(Coleoptera Melyridae)		
Genus sp. (Coleoptera Bruchidae)	reared	Greece
Hylemya radicum (L.)	on plant	France
(Diptera Anthomyiidae)		
Larinus syriacus Gyllenhal	reared	Greece
(Coleoptera Curculionidae)	1 1	T. 1
Lasioderma haemorrhoidale? (Illiger)	ex head	Italy
(Coleoptera Anobiidae)		C
Lasioderma redtenbacheri? Bach	reared	Greece
(Coleoptera Anobiidae)		Cross
Lasioderma sp. (Coleoptera Anobiidae)	reared	Greece
Orellia colon? (Meigen) (Diptera Tephritidae)	reared	Italy
Centaurea bracteata Scop. (Asteraceae)		
Acanthiophilus helianthi (Rossi)	reared	Italy
(Diptera Tephritidae)		,
Hysteropterum grylloides (F.) (Homoptera Issidae)	on plant	Italy
Isocolus scabiosae (Giraud)	reared	Italy
(Hymenoptera Cynipidae)		
Larinus planus (F.) (Coleoptera Curculionidae)	reared	Italy
Lasioderma obscurum? Solsky	reared	Italy
(Coleoptera Anobiidae)		

Plant and associated insect	Type of association	Country where collected
Lasioderma sp. (Coleoptera Anobiidae)	reared	Italy
Ormyrus punctiger Westwood	reared	Italy
(Hymenoptera Ormyridae)		
Porphyrinia parva (Hübner)	reared	Italy
(Lepidoptera Noctuidae)		
Pyroderces argyrogrammos (Zeller)	reared	Italy
(Lepidoptera Cosmopterygidae)		
Scymnus sp. (Coleoptera Coccinellidae)	on plant	Italy
Sibinia attalica Gyllenhal	ex head	Italy
(Coleoptera Curculionidae)		
Sitophilus oryzae (L.)	ex head	Italy
(Coleoptera Rhynchophoridae)		
Urophora quadrifasciata? (Meigen)	reared	Italy
(Diptera Tephritidae)		
Centaurea caerulescens Bulbani ex TimbLagn. (A	Asteraceae)	
Acanthiophilus helianthi (Rossi)	reared	Italy
(Diptera Tephritidae)		
Divales bipustulatus (F.) (Coleoptera Melyridae)	on plant	Italy
Divales sp. (Coleoptera Melyridae)	on plant	Italy
Isocolus scabiosae (Giraud)	reared	Italy
(Hymenoptera Cynipidae)		
Ormyrus gratiosus (Förster)	reared	Italy
(Hymenoptera Ormyridae)		
Ormyrus punctiger Westwood	reared	Italy
(Hymenoptera Ormyridae)		
Sibinia attalica Gyllenhal	ex plant	Italy
(Coleoptera Curculionidae)		
Sycophila submutica (Thomson)	reared	Italy
(Hymenoptera Eurytomidae)		
Trissolcus sp. (Hymenoptera Scelionidae)	reared	Italy
Centaurea calcitrapa L. (Asteraceae)		
Acanthiophilus helianthi (Rossi)	on plant	Italy
(Diptera Tephritidae)	1	,
Bangasternus fausti (Reitter)	on plant	Greece
(Coleoptera Curculionidae)	1	
Bangasternus orientalis (Capiomont)	reared	Italy, Greece, Russi
(Coleoptera Curculionidae)		<i>J</i> ,
Bruchidius sp. 1 (Coleoptera Bruchidae)	reared	Italy

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Bruchidius sp. 2 (Coleoptera Bruchidae) Ceratapion basicorne (Illiger) (Coleoptera Apionidae) Cochylis posterama (Zeller) (Lepidoptera Tortricidae) Danacaea sp. (Coleoptera Melyridae) Genus sp. (Hemiptera Pyrrocoridae) Heliothis peltigera (Denis & Schiffermüller) (Lepidoptera Noctuidae) Hephatus namus (Herrich-Schäffer) (Homoptera Cicadellidae) Hysteropterum grylloides (F.) (Homoptera Sisidae) Larinus longirostris Gyllenhal (Coleoptera Curculionidae) Longitarsus sp. (Coleoptera Chrysomelidae) Pyroderces argyrogrammos (Zeller) (Lepidoptera Cosmopterygidae) Sphaeroderma rubidum Graëlls (Coleoptera Chrysomelidae) Urophora quadrifasciata (Meigen) (Diptera Tephritidae) Centaurea cineraria L. (Asteraceae) Acalles dromedarius Boheman (Coleoptera Curculionidae) Depressaria sp. (Lepidoptera Oecophoridae) Isocolus scabiosae (Giraud) (Hymenoptera Cynipidae) Parmena sp. (Coleoptera Cerambycidae) Parmena	Plant and associated insect	Type of association	Country where collected
Ceratapion basicorne (Illiger) (Coleoptera Apionidae) Cochylis posterana (Zeller) (Lepidoptera Tortricidae) Danacaea sp. (Coleoptera Melyridae) Genus sp. (Hemiptera Pyrrocoridae) Heliothis peltigera (Denis & Schiffermüller) (Lepidoptera Noctuidae) Hephatus namus (Herrich-Schäffer) (Homoptera Cicadellidae) Hysteropterum grylloides (F.) (Homoptera Issidae) Larinus longirostris Gyllenhal (Coleoptera Curculionidae) Longitarsus sp. (Coleoptera Chrysomelidae) Pyroderces argyrogrammos (Zeller) (Lepidoptera Cosmopterygidae) Sphaeroderma rubidum Graëlls (Coleoptera Chrysomelidae) Urophora quadrifasciata (Meigen) (Diptera Tephritidae) Centaurea cineraria L. (Asteraceae) Acalles dromedarius Boheman (Coleoptera Curculionidae) Depressaria sp. (Lepidoptera Oecophoridae) Isocolus scabiosae (Giraud) (Hymenoptera Cynipidae) Parmena sp. (Coleoptera Cerambycidae) Primus villiger Reitter (Coleoptera Ptinidae) Centaurea deusta Ten. (Asteraceae) Bangasternus provincialis (Fairmaire) (Coleoptera Curculionidae) Cephocleomus achates (Fähraeus) reared Italy Italy Greece Italy Turkey Italy Turkey Italy Turkey Italy Turkey Italy Turkey Italy Turkey Italy Turkey Italy Turkey Italy Turkey Italy Turkey Italy Turkey Italy Turkey Italy Turkey Italy Turkey Italy Turkey Italy Turkey Italy Turkey Italy Turkey Italy Italy Turkey Italy Turkey Italy Turkey Italy Turkey Italy Italy Turkey Italy Italy Turkey Italy	Bruchidius sp. 2 (Coleoptera Bruchidae)	reared	Greece
(Coleoptera Apionidae) Cochylis posterana (Zeller) (Lepidoptera Tortricidae) Danacaea sp. (Coleoptera Melyridae) Genus sp. (Hemiptera Pyrrocoridae) Heliothis pelligera (Denis & Schiffermüller) (Lepidoptera Noctuidae) Hephatus nanus (Herrich-Schäffer) (Homoptera Cicadellidae) Hysteropterum grylloides (F.) (Homoptera Issidae) Larinus longirostris Gyllenhal (Coleoptera Curculionidae) Longitarsus sp. (Coleoptera Chrysomelidae) Pyroderces argyrogrammos (Zeller) (Lepidoptera Cosmopterygidae) Sphaeroderma rubidum Graëlls (Coleoptera Chrysomelidae) Urophora quadrifasciata (Meigen) (Diptera Tephritidae) Centaurea cineraria L. (Asteraceae) Acalles dromedarius Boheman (Coleoptera Curculionidae) Depressaria sp. (Lepidoptera Oecophoridae) Isocolus scabiosae (Giraud) (Hymenoptera Cynipidae) Parmena sp. (Coleoptera Ptinidae) Centaurea deusta Ten. (Asteraceae) Bangasternus provincialis (Fairmaire) (Coleoptera Curculionidiae) Centaurea deusta Ten. (Asteraceae) Bangasternus provincialis (Fairmaire) (Coleoptera Curculionidae) Cyphocleomus achates (Fähraeus) reared Italy Italy Italy reared Italy Italy Italy Geeding Italy			
Cochylis posterana (Zeller) (Lepidoptera Tortricidae) Danacaeae sp. (Coleoptera Melyridae) Genus sp. (Hemiptera Pyrrocoridae) Heliothis peltigera (Denis & Schiffermüller) (Lepidoptera Noctuidae) Hephatus namus (Herrich-Schäffer) (Homoptera Cicadellidae) Hysteropterum grylloides (F.) (Homoptera Issidae) Larinus longirostris Gyllenhal (Coleoptera Curculionidae) Longitarsus sp. (Coleoptera Chrysomelidae) Pyroderces argyrogrammos (Zeller) (Lepidoptera Noctuidae) Pyroderces argyrogrammos (Zeller) (Lepidoptera Cosmopterygidae) Sphaeroderma rubidum Graëlls (Coleoptera Chrysomelidae) Urophora quadrifasciata (Meigen) (Diptera Tephritidae) Centaurea cineraria L. (Asteraceae) Acalles dromedarius Boheman (Coleoptera Curculionidae) Depressaria sp. (Lepidoptera Oecophoridae) Isocohus scabiosae (Giraud) (Hymenoptera Cynipidae) Parmena sp. (Coleoptera Cerambycidae) Primus villiger Reitter (Coleoptera Ptinidae) Centaurea deusta Ten. (Asteraceae) Bangasternus provincialis (Fairmaire) (Coleoptera Curculionidae) Cyphocleomus achates (Fähraeus) reared Italy Centaurea deusta Ten. (Asteraceae) Bangasternus provincialis (Fairmaire) (Coleoptera Curculionidae) Cyphocleomus achates (Fähraeus)		1	
Danacaea sp. (Coleoptera Melyridae) Genus sp. (Hemiptera Pyrrocoridae) Heliothis peltigera (Denis & Schiffermüller) (Lepidoptera Noctuidae) Hephatus namus (Herrich-Schäffer) (Homoptera Cicadellidae) Hysteropterum grylloides (F.) (Homoptera Issidae) Larinus longirostris Gyllenhal (Coleoptera Curculionidae) Longitursus sp. (Coleoptera Chrysomelidae) Pyroderces argyrogrammos (Zeller) (Lepidoptera Cosmopterygidae) Sphaeroderma rubidum Graëlls (Coleoptera Chrysomelidae) Urophora quadrifasciata (Meigen) (Diptera Tephritidae) Centaurea cineraria L. (Asteraceae) Acalles dromedarius Boheman (Coleoptera Cynipidae) Depressaria sp. (Lepidoptera Oecophoridae) Parmena sp. (Coleoptera Cerambycidae) Parmena sp. (Coleoptera Cerambycidae) Parmena sp. (Coleoptera Cerambycidae) Parmena sp. (Coleoptera Ptinidae) Centaurea deusta Ten. (Asteraceae) Bangasternus provincialis (Fairmaire) (Coleoptera Curculionidae) Cyphocleomus achates (Fåhraeus) reared Italy Italy ex dry head Italy reared Italy Turkey feeding Italy reared Turkey Italy reared Italy		reared	Italy
Genus sp. (Hemiptera Pyrrocoridae) Heliothis peltigera (Denis & Schiffermüller) (Lepidoptera Noctuidae) Hephatus nanus (Herrich-Schäffer) (Homoptera Cicadellidae) Hysteropterum grylloides (F.) (Homoptera Issidae) Larinus longirostris Gyllenhal (Coleoptera Curculionidae) Longitarsus sp. (Coleoptera Chrysomelidae) Porphyrinia parva (Hübner) (Lepidoptera Noctuidae) Pyroderces argyrogrammos (Zeller) (Lepidoptera Cosmopterygidae) Sphaeroderma rubidum Graëlls (Coleoptera Chrysomelidae) Urophora quadrifasciata (Meigen) (Diptera Tephritidae) Centaurea cineraria L. (Asteraceae) Acalles dromedavius Boheman (Coleoptera Curculionidae) Depressaria sp. (Lepidoptera Oecophoridae) Isocolus scabiosae (Giraud) (Hymenoptera Cynipidae) Parmena sp. (Coleoptera Cerambycidae) Parmena sp. (Coleoptera Cerambycidae) Parmena sp. (Coleoptera Ptinidae) Centaurea deusta Ten. (Asteraceae) Bangasternus provincialis (Fairmaire) (Coleoptera Curculionidae) Cyphocleonus achates (Fåhraeus) reared Italy Italy Italy Turkey Turkey Italy Turkey Turkey Italy Turkey Turkey Turkey Italy Turkey Turkey Turkey Turkey Turkey Italy Turkey Turkey Turkey Turkey Italy Turkey Tu	(Lepidoptera Tortricidae)		•
Heliothis peltigera (Denis & Schiffermüller) (Lepidoptera Noctuidae) Hephatus namus (Herrich-Schäffer) (Homoptera Cicadellidae) Hysteropterum grylloides (F.) (Homoptera Issidae) Larinus longirostris Gyllenhal (Coleoptera Curculionidae) Longitarsus sp. (Coleoptera Chrysomelidae) Porphyrinia parva (Hübner) (Lepidoptera Noctuidae) Pyroderces argyrogrammos (Zeller) (Lepidoptera Cosmopterygidae) Sphaeroderma rubidum Graëlls (Coleoptera Chrysomelidae) Urophora quadrifasciata (Meigen) (Diptera Tephritidae) Centaurea cineraria L. (Asteraceae) Acalles dromedarius Boheman (Coleoptera Curculionidae) Depressaria sp. (Lepidoptera Oecophoridae) Isocolus scabiosae (Giraud) (Hymenoptera Cynipidae) Parmena sp. (Coleoptera Cerambycidae) Parmena sp. (Coleoptera Cerambycidae) Parmena sp. (Coleoptera Ptinidae) Centaurea deusta Ten. (Asteraceae) Bangasternus provincialis (Fairmaire) (Coleoptera Curculionidae) Cyphocleonus achates (Fåhraeus) reared Italy Italy Turkey Italy Italy Italy Centaurea deusta Ten. (Asteraceae) Bangasternus provincialis (Fairmaire) (Coleoptera Curculionidae) Cyphocleonus achates (Fåhraeus)	Danacaea sp. (Coleoptera Melyridae)	on plant	Italy
(Lepidoptera Noctuidae) Hephatus nanus (Herrich-Schäffer) feeding Italy (Homoptera Cicadellidae) Hysteropterum grylloides (F.) on plant Turkey (Homoptera Issidae) Larinus longirostris Gyllenhal reared Italy (Coleoptera Curculionidae) Longitarsus sp. (Coleoptera Chrysomelidae) on plant Greece Porphyrinia parva (Hübner) reared Italy, Yugoslavia (Lepidoptera Noctuidae) Pyroderces argyrogrammos (Zeller) reared Italy (Lepidoptera Cosmopterygidae) Sphaeroderma rubidum Graëlls on plant Greece (Coleoptera Chrysomelidae) Urophora quadrifasciata (Meigen) ex plant Egypt (Diptera Tephritidae) Centaurea cineraria L. (Asteraceae) Acalles dromedarius Boheman reared Italy (Coleoptera Curculionidae) Depressaria sp. (Lepidoptera Oecophoridae) reared Italy (Hymenoptera Cynipidae) Parmena sp. (Coleoptera Cerambycidae) reared Italy (Hymenoptera Reitter (Coleoptera Ptinidae) reared Italy Centaurea deusta Ten. (Asteraceae) Bangasternus provincialis (Fairmaire) feeding Italy (Coleoptera Curculionidae) Cyphocleomus achates (Fåhraeus) reared Italy	Genus sp. (Hemiptera Pyrrocoridae)	ex dry head	Italy
Hephatus namus (Herrich-Schäffer) (Homoptera Cicadellidae) Hysteropterum grylloides (F.) (Homoptera Issidae) Larinus longirostris Gyllenhal (Coleoptera Curculionidae) Longitarsus sp. (Coleoptera Chrysomelidae) Porphyrinia parva (Hübner) (Lepidoptera Noctuidae) Pyroderces argyrogrammos (Zeller) (Lepidoptera Cosmopterygidae) Sphaeroderma rubidum Graëlls (Coleoptera Chrysomelidae) Urophora quadrifasciata (Meigen) (Diptera Tephritidae) Centaurea cineraria L. (Asteraceae) Acalles dromedarius Boheman (Coleoptera Curculionidae) Depressaria sp. (Lepidoptera Oecophoridae) Isocolus scabiosae (Giraud) (Hymenoptera Cynipidae) Parmena sp. (Coleoptera Cerambycidae) Primus villiger Reitter (Coleoptera Ptinidae) Centaurea deusta Ten. (Asteraceae) Bangasternus provincialis (Fairmaire) (Coleoptera Curculionidae) Cyphocleomus achates (Fåhraeus) reared Italy (Coleoptera Curculionidae) Cyphocleomus achates (Fåhraeus)	Heliothis peltigera (Denis & Schiffermüller)	reared	Turkey
(Homoptera Cicadellidae) Hysteropterum grylloides (F.) on plant Turkey (Homoptera Issidae) Larinus longirostris Gyllenhal reared (Coleoptera Curculionidae) Longitarsus sp. (Coleoptera Chrysomelidae) on plant Greece Porphyrinia parva (Hübner) reared Italy, Yugoslavia (Lepidoptera Noctuidae) Pyroderces argyrogrammos (Zeller) reared Italy (Lepidoptera Cosmopterygidae) Sphaeroderma rubidum Graëlls on plant Greece (Coleoptera Chrysomelidae) Urophora quadrifasciata (Meigen) ex plant Egypt (Diptera Tephritidae) Centaurea cineraria L. (Asteraceae) Acalles dromedarius Boheman reared Italy (Coleoptera Curculionidae) Depressaria sp. (Lepidoptera Oecophoridae) reared Italy (Hymenoptera Cynipidae) Parmena sp. (Coleoptera Cerambycidae) reared Italy Centaurea deusta Ten. (Asteraceae) Bangasternus provincialis (Fairmaire) feeding Italy (Coleoptera Curculionidae) Cyphocleonus achates (Fähraeus) reared Italy	(Lepidoptera Noctuidae)		
Hysteropterum grylloides (F.) (Homoptera Issidae) Larinus longirostris Gyllenhal (Coleoptera Curculionidae) Longitarsus sp. (Coleoptera Chrysomelidae) Porphyrinia parva (Hübner) (Lepidoptera Noctuidae) Pyroderces argyrogrammos (Zeller) (Lepidoptera Cosmopterygidae) Sphaeroderma rubidum Graëlls (Coleoptera Chrysomelidae) Urophora quadrifasciata (Meigen) (Diptera Tephritidae) Centaurea cineraria L. (Asteraceae) Acalles dromedarius Boheman (Coleoptera Curculionidae) Depressaria sp. (Lepidoptera Oecophoridae) Isocolus scabiosae (Giraud) (Hymenoptera Cynipidae) Parmena sp. (Coleoptera Cerambycidae) Parmena sp. (Coleoptera Ptinidae) Centaurea deusta Ten. (Asteraceae) Bangasternus provincialis (Fairmaire) (Coleoptera Curculionidae) Cyphocleonus achates (Fåhraeus) reared Italy Turkey Italy Italy Terece Italy Italy Centaurea deusta Ten. (Asteraceae) Bangasternus provincialis (Fairmaire) (Coleoptera Curculionidae) Cyphocleonus achates (Fåhraeus)	Hephatus nanus (Herrich-Schäffer)	feeding	Italy
(Homoptera Issidae) Larimus longirostris Gyllenhal reared (Coleoptera Curculionidae) Longitarsus sp. (Coleoptera Chrysomelidae) on plant Greece Porphyrinia parva (Hübner) reared Italy, Yugoslavia (Lepidoptera Noctuidae) Pyroderces argyrogrammos (Zeller) reared Italy (Lepidoptera Cosmopterygidae) Sphaeroderma rubidum Graëlls on plant Greece (Coleoptera Chrysomelidae) Urophora quadrifasciata (Meigen) ex plant Egypt (Diptera Tephritidae) Centaurea cineraria L. (Asteraceae) Acalles dromedarius Boheman reared Italy (Coleoptera Curculionidae) Depressaria sp. (Lepidoptera Oecophoridae) reared Italy (Hymenoptera Cynipidae) Parmena sp. (Coleoptera Cerambycidae) reared Italy Centaurea deusta Ten. (Asteraceae) Bangasternus provincialis (Fairmaire) feeding Italy (Coleoptera Curculionidae) Cyphocleomus achates (Fåhraeus) reared Italy	• •		
Larinus longirostris Gyllenhal (Coleoptera Curculionidae) Longitarsus sp. (Coleoptera Chrysomelidae) on plant Greece Porphyrinia parva (Hübner) reared Italy, Yugoslavia (Lepidoptera Noctuidae) Pyroderces argyrogrammos (Zeller) reared Italy (Lepidoptera Cosmopterygidae) Sphaeroderma rubidum Graëlls on plant Greece (Coleoptera Chrysomelidae) Urophora quadrifasciata (Meigen) ex plant Egypt (Diptera Tephritidae) Centaurea cineraria L. (Asteraceae) Acalles dromedarius Boheman reared Italy (Coleoptera Curculionidae) Depressaria sp. (Lepidoptera Oecophoridae) reared Italy (Hymenoptera Cynipidae) Parmena sp. (Coleoptera Cerambycidae) reared Italy Ptinus villiger Reitter (Coleoptera Ptinidae) Centaurea deusta Ten. (Asteraceae) Bangasternus provincialis (Fairmaire) feeding Italy (Coleoptera Curculionidae) Cyphocleonus achates (Fåhraeus) reared Italy		on plant	Turkey
(Coleoptera Curculionidae) Longitarsus sp. (Coleoptera Chrysomelidae) Porphyrinia parva (Hübner)	· · · · · · · · · · · · · · · · · · ·		
Longitarsus sp. (Coleoptera Chrysomelidae) Porphyrinia parva (Hübner) (Lepidoptera Noctuidae) Pyroderces argyrogrammos (Zeller) (Lepidoptera Cosmopterygidae) Sphaeroderma rubidum Graëlls (Coleoptera Chrysomelidae) Urophora quadrifasciata (Meigen) (Diptera Tephritidae) Centaurea cineraria L. (Asteraceae) Acalles dromedarius Boheman (Coleoptera Curculionidae) Depressaria sp. (Lepidoptera Oecophoridae) Isocolus scabiosae (Giraud) (Hymenoptera Cynipidae) Parmena sp. (Coleoptera Cerambycidae) Parmena sp. (Coleoptera Cerambycidae) Parmena sp. (Coleoptera Ptinidae) Centaurea deusta Ten. (Asteraceae) Bangasternus provincialis (Fairmaire) (Coleoptera Curculionidae) Cyphocleonus achates (Fåhraeus) on plant reared Italy Greece Italy Egypt Creared Italy reared Italy reared Italy Italy Italy Italy	•	reared	Italy
Porphyrinia parva (Hübner) (Lepidoptera Noctuidae) Pyroderces argyrogrammos (Zeller) (Lepidoptera Cosmopterygidae) Sphaeroderma rubidum Graëlls (Coleoptera Chrysomelidae) Urophora quadrifasciata (Meigen) (Diptera Tephritidae) Centaurea cineraria L. (Asteraceae) Acalles dromedarius Boheman (Coleoptera Curculionidae) Depressaria sp. (Lepidoptera Oecophoridae) Isocolus scabiosae (Giraud) (Hymenoptera Cynipidae) Parmena sp. (Coleoptera Cerambycidae) Parmena sp. (Coleoptera Ptinidae) Centaurea deusta Ten. (Asteraceae) Bangasternus provincialis (Fairmaire) (Coleoptera Curculionidae) Cyphocleonus achates (Fähraeus) reared Italy, Yugoslavia Italy reared Italy Greece Italy reared Italy reared Italy reared Italy reared Italy reared Italy	· · · · · · · · · · · · · · · · · · ·		
(Lepidoptera Noctuidae) Pyroderces argyrogrammos (Zeller) reared Italy (Lepidoptera Cosmopterygidae) Sphaeroderma rubidum Graëlls on plant Greece (Coleoptera Chrysomelidae) Urophora quadrifasciata (Meigen) ex plant Egypt (Diptera Tephritidae) Centaurea cineraria L. (Asteraceae) Acalles dromedarius Boheman reared Italy (Coleoptera Curculionidae) Depressaria sp. (Lepidoptera Oecophoridae) reared Italy (Hymenoptera Cynipidae) Parmena sp. (Coleoptera Cerambycidae) reared Italy (Hymenoptera Cynipidae) Parmena sp. (Coleoptera Cerambycidae) reared Italy Centaurea deusta Ten. (Asteraceae) Bangasternus provincialis (Fairmaire) feeding Italy (Coleoptera Curculionidae) Cyphocleonus achates (Fåhraeus) reared Italy		•	
Pyroderces argyrogrammos (Zeller) reared Italy (Lepidoptera Cosmopterygidae) Sphaeroderma rubidum Graëlls on plant Greece (Coleoptera Chrysomelidae) Urophora quadrifasciata (Meigen) ex plant Egypt (Diptera Tephritidae) Centaurea cineraria L. (Asteraceae) Acalles dromedarius Boheman reared Italy (Coleoptera Curculionidae) Depressaria sp. (Lepidoptera Oecophoridae) reared Italy (Hymenoptera Cynipidae) Parmena sp. (Coleoptera Cerambycidae) reared Italy (Hymenoptera Cynipidae) Parmena sp. (Coleoptera Cerambycidae) reared Italy Centaurea deusta Ten. (Asteraceae) Bangasternus provincialis (Fairmaire) feeding Italy (Coleoptera Curculionidae) Cyphocleonus achates (Fåhraeus) reared Italy		reared	Italy, Yugoslavia
(Lepidoptera Cosmopterygidae) Sphaeroderma rubidum Graëlls on plant Greece (Coleoptera Chrysomelidae) Urophora quadrifasciata (Meigen) ex plant Egypt (Diptera Tephritidae) Centaurea cineraria L. (Asteraceae) Acalles dromedarius Boheman reared Italy (Coleoptera Curculionidae) Depressaria sp. (Lepidoptera Oecophoridae) reared Italy (Hymenoptera Cynipidae) Parmena sp. (Coleoptera Cerambycidae) reared Italy Centaurea deusta Ten. (Asteraceae) Bangasternus provincialis (Fairmaire) feeding Italy (Coleoptera Curculionidae) Cyphocleonus achates (Fåhraeus) reared Italy			
Sphaeroderma rubidum Graells on plant Greece (Coleoptera Chrysomelidae) Urophora quadrifasciata (Meigen) ex plant Egypt (Diptera Tephritidae) Centaurea cineraria L. (Asteraceae) Acalles dromedarius Boheman reared Italy (Coleoptera Curculionidae) Depressaria sp. (Lepidoptera Oecophoridae) reared Italy Isocolus scabiosae (Giraud) reared Italy (Hymenoptera Cynipidae) Parmena sp. (Coleoptera Cerambycidae) reared Italy Ptinus villiger Reitter (Coleoptera Ptinidae) reared Italy Centaurea deusta Ten. (Asteraceae) Bangasternus provincialis (Fairmaire) feeding Italy (Coleoptera Curculionidae) Cyphocleonus achates (Fåhraeus) reared Italy		reared	Italy
(Coleoptera Chrysomelidae) Urophora quadrifasciata (Meigen) ex plant Egypt (Diptera Tephritidae) Centaurea cineraria L. (Asteraceae) Acalles dromedarius Boheman reared Italy (Coleoptera Curculionidae) Depressaria sp. (Lepidoptera Oecophoridae) reared Italy Isocolus scabiosae (Giraud) reared Italy (Hymenoptera Cynipidae) Parmena sp. (Coleoptera Cerambycidae) reared Italy Ptinus villiger Reitter (Coleoptera Ptinidae) reared Italy Centaurea deusta Ten. (Asteraceae) Bangasternus provincialis (Fairmaire) feeding Italy (Coleoptera Curculionidae) Cyphocleonus achates (Fåhraeus) reared Italy			
Urophora quadrifasciata (Meigen) ex plant Egypt (Diptera Tephritidae) Centaurea cineraria L. (Asteraceae) Acalles dromedarius Boheman reared Italy (Coleoptera Curculionidae) Depressaria sp. (Lepidoptera Oecophoridae) reared Italy Isocolus scabiosae (Giraud) reared Italy (Hymenoptera Cynipidae) Parmena sp. (Coleoptera Cerambycidae) reared Italy Ptinus villiger Reitter (Coleoptera Ptinidae) reared Italy Centaurea deusta Ten. (Asteraceae) Bangasternus provincialis (Fairmaire) feeding Italy (Coleoptera Curculionidae) Cyphocleonus achates (Fåhraeus) reared Italy	-	on plant	Greece
(Diptera Tephritidae) Centaurea cineraria L. (Asteraceae) Acalles dromedarius Boheman reared Italy (Coleoptera Curculionidae) Depressaria sp. (Lepidoptera Oecophoridae) reared Italy Isocolus scabiosae (Giraud) reared Italy (Hymenoptera Cynipidae) Parmena sp. (Coleoptera Cerambycidae) reared Italy Ptinus villiger Reitter (Coleoptera Ptinidae) reared Italy Centaurea deusta Ten. (Asteraceae) Bangasternus provincialis (Fairmaire) feeding Italy (Coleoptera Curculionidae) Cyphocleonus achates (Fåhraeus) reared Italy		1	.
Centaurea cineraria L. (Asteraceae) Acalles dromedarius Boheman reared Italy (Coleoptera Curculionidae) Depressaria sp. (Lepidoptera Oecophoridae) reared Italy Isocolus scabiosae (Giraud) reared Italy (Hymenoptera Cynipidae) Parmena sp. (Coleoptera Cerambycidae) reared Italy Ptinus villiger Reitter (Coleoptera Ptinidae) reared Italy Centaurea deusta Ten. (Asteraceae) Bangasternus provincialis (Fairmaire) feeding Italy (Coleoptera Curculionidae) Cyphocleonus achates (Fåhraeus) reared Italy		ex plant	Egypt
Acalles dromedarius Boheman reared Italy (Coleoptera Curculionidae) Depressaria sp. (Lepidoptera Oecophoridae) reared Italy Isocolus scabiosae (Giraud) reared Italy (Hymenoptera Cynipidae) Parmena sp. (Coleoptera Cerambycidae) reared Italy Ptinus villiger Reitter (Coleoptera Ptinidae) reared Italy Centaurea deusta Ten. (Asteraceae) Bangasternus provincialis (Fairmaire) feeding Italy (Coleoptera Curculionidae) Cyphocleonus achates (Fåhraeus) reared Italy	(Diptera Tephritidae)		
Acalles dromedarius Boheman reared Italy (Coleoptera Curculionidae) Depressaria sp. (Lepidoptera Oecophoridae) reared Italy Isocolus scabiosae (Giraud) reared Italy (Hymenoptera Cynipidae) Parmena sp. (Coleoptera Cerambycidae) reared Italy Ptinus villiger Reitter (Coleoptera Ptinidae) reared Italy Centaurea deusta Ten. (Asteraceae) Bangasternus provincialis (Fairmaire) feeding Italy (Coleoptera Curculionidae) Cyphocleonus achates (Fåhraeus) reared Italy	Centaurea cineraria I. (Asteraceae)		
(Coleoptera Curculionidae) Depressaria sp. (Lepidoptera Oecophoridae) reared Italy Isocolus scabiosae (Giraud) reared Italy (Hymenoptera Cynipidae) Parmena sp. (Coleoptera Cerambycidae) reared Italy Ptinus villiger Reitter (Coleoptera Ptinidae) reared Italy Centaurea deusta Ten. (Asteraceae) Bangasternus provincialis (Fairmaire) feeding Italy (Coleoptera Curculionidae) Cyphocleonus achates (Fåhraeus) reared Italy	· · · · · · · · · · · · · · · · · · ·	reared	Italy
Depressaria sp. (Lepidoptera Oecophoridae) reared Italy Isocolus scabiosae (Giraud) reared Italy (Hymenoptera Cynipidae) Parmena sp. (Coleoptera Cerambycidae) reared Italy Ptinus villiger Reitter (Coleoptera Ptinidae) reared Italy Centaurea deusta Ten. (Asteraceae) Bangasternus provincialis (Fairmaire) feeding Italy (Coleoptera Curculionidae) Cyphocleonus achates (Fåhraeus) reared Italy			100.5
Isocolus scabiosae (Giraud) reared Italy (Hymenoptera Cynipidae) Parmena sp. (Coleoptera Cerambycidae) reared Italy Ptinus villiger Reitter (Coleoptera Ptinidae) reared Italy Centaurea deusta Ten. (Asteraceae) Bangasternus provincialis (Fairmaire) feeding Italy (Coleoptera Curculionidae) Cyphocleonus achates (Fåhraeus) reared Italy	` '	reared	Italy
(Hymenoptera Cynipidae) Parmena sp. (Coleoptera Cerambycidae) reared Italy Ptinus villiger Reitter (Coleoptera Ptinidae) reared Italy Centaurea deusta Ten. (Asteraceae) Bangasternus provincialis (Fairmaire) feeding Italy (Coleoptera Curculionidae) Cyphocleonus achates (Fåhraeus) reared Italy		reared	•
Ptinus villiger Reitter (Coleoptera Ptinidae) reared Italy Centaurea deusta Ten. (Asteraceae) Bangasternus provincialis (Fairmaire) feeding Italy (Coleoptera Curculionidae) Cyphocleonus achates (Fåhraeus) reared Italy			J
Ptinus villiger Reitter (Coleoptera Ptinidae) reared Italy Centaurea deusta Ten. (Asteraceae) Bangasternus provincialis (Fairmaire) feeding Italy (Coleoptera Curculionidae) Cyphocleonus achates (Fåhraeus) reared Italy	Parmena sp. (Coleoptera Cerambycidae)	reared	Italy
Bangasternus provincialis (Fairmaire) feeding Italy (Coleoptera Curculionidae) Cyphocleonus achates (Fåhraeus) reared Italy		reared	Italy
Bangasternus provincialis (Fairmaire) feeding Italy (Coleoptera Curculionidae) Cyphocleonus achates (Fåhraeus) reared Italy	Centaurea deusta Ten. (Asteraceae)		
(Coleoptera Curculionidae) Cyphocleonus achates (Fåhraeus) reared Italy		feeding	Italy
Cyphocleonus achates (Fåhraeus) reared Italy			
		reared	Italy

Plant and associated insect	Type of association	Country where collected
Larinus obtusus Gyllenhal	feeding	Italy
(Coleoptera Curculionidae)	recamg	italy
Ormyrus sp. (Hymenoptera Ormyridae)	on plant	Italy
Oxycarenus pallens? Herrich-Schäffer	feeding	Italy
(Hemiptera Lygaeidae)	recumg	Italy
Pterolonche sp. (Lepidoptera Pteromalidae)	reared	Italy
Centaurea diffusa Lam. (Asteraceae)	•	
Adscita chloros ? (Hübner)	on plant	Greece
(Lepidoptera Zygaenidae)	•	
Agapanthia sp. (Coleoptera Cerambycidae)	?	?
Agapeta zoegana (L.) (Lepidoptera Tortricidae)	on plant	Austria
Agonopteryx sp. (Lepidoptera Oecophoridae)	reared	Greece
Bangasternus fausti (Reitter)	reared	Greece
(Coleoptera Curculionidae)		
Bangasternus orientalis (Capiomont)	reared	Greece
(Coleoptera Curculionidae)		
Baris artemisiae (Herbst)	feeding	Greece
(Coleoptera Curculionidae)		
Bithia sp. (Diptera Tachinidae)	ex plant	Greece
Calosoma sycophanta (L.) (Coleoptera Carabidae)	on plant	Greece
Cassida sp. (Coleoptera Chrysomelidae)	on plant	Greece
Ceratapion penetrans (Germar)	feeding	Greece
(Coleoptera Apionidae)		
Chorebus sp. (Hymenoptera Braconidae)	reared	Greece
Cleonis pigra (Scopoli)	reared	Greece
(Coleoptera Curculionidae)		
Clytra sp. (Coleoptera Chrysomelidae)	on plant	Greece
Coleophora conspicuella Zeller	reared	Greece
(Lepidoptera Coleophoridae)		
Cyphocleonus achates (Fåhraeus)	reared	Greece, Russia
(Coleoptera Curculionidae)		
Dacnusa sp. (Hymenoptera Braconidae)	reared	Greece
Deudora sp. (Coleoptera Buprestidae)	reared	Greece
Diadegma fenestralis (Holmgren)	reared	Greece
(Hymenoptera Ichneumonidae)		
Donus salviae? (Schrank)	on plant	Greece
(Coleoptera Curculionidae)	4	G
Eurytoma robusta Mayr	reared	Greece
(Hymenoptera Eurytomidae)		

Plant and associated insect	Type of association	Country where collected
Eurytoma sp. (Hymenoptera Eurytomidae)	reared	Greece
Eustenopus villosus (Boheman) (Coleoptera Curculionidae)	on plant	Greece
Galeruca littoralis (F.) (Coleoptera Chrysomelidae)	on plant	Greece
Genus sp. (Hymenoptera Braconidae)	reared	Greece
Glypta sculpturata (Gravenhorst) (Hymenoptera Ichneumonidae)	reared	Russia
Hylemya platura (Meigen) (Diptera Anthomyiidae)	feeding	Greece
Hylotrupes bajulus (L.) (Coleoptera Cerambycidae)	on plant	Greece
Hypera punctata ? (F.) (Coleoptera Curculionidae)	on plant	Greece
Hypera venusta (F.) (Coleoptera Curculionidae)	on plant	Greece
Isocolus scabiosae (Giraud) (Hymenoptera Cynipidae)	reared	Greece
Isocolus sp. (Hymenoptera Cynipidae)	reared	France, Greece
Larinus grisescens Gyllenhal (Coleoptera Curculionidae)	feeding	Greece
Larinus minutus Gyllenhal (Coleoptera Curculionidae)	reared	Greece
Larinus planus (F.) (Coleoptera Curculionidae)	feeding	Greece
Lasioderma serricorne (F.) (Coleoptera Anobiidae)	reared	Germany
Liodontomerus sp. (Hymenoptera Torymidae)	reared	Greece
Lixus filiformis (F.) (Coleoptera Curculionidae)	feeding	Greece
Lixus scolopax Boheman (Coleoptera Curculionidae)	feeding	Greece
Lycia graecaria (Staudinger) (Lepidoptera Geometridae)	reared	Greece
Lygaeosoma sardae Spinola (Hemiptera Lygaeidae)	ex dry head	Greece
Metzneria sp. (Lepidoptera Gelechiidae)	reared	Greece
Ormyrus sp. (Hymenoptera Ormyridae)	reared	Greece
Phytomyza horticola Goureau (Diptera Agromyzidae)	reared	Greece
Polydrusus armipes Brullé (Coleoptera Curculionidae)	on plant	Greece
Pseudocosma caecimaculana (Hübner) (Lepidoptera Tortricidae)	reared	Greece

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Pterolonche albescens Zeller	reared	Romania
(Lepidoptera Pterolonchidae)	Tourea	Romana
Pterolonche inspersa Staudinger	reared	Greece
(Lepidoptera Pterolonchidae)		
Pterolonche pulverulentella? Zeller	reared	Greece
(Lepidoptera Pterolonchidae)		
Sphenoptera jugoslavica Obenberger	reared	Greece
(Coleoptera Buprestidae)		
Stenodes alternana (Stephens)	reared	Italy, Greece
(Lepidoptera Tortricidae)		
Sycophila sp. (Hymenoptera Eurytomidae)	reared	Greece
Tychius sp. (Coleoptera Curculionidae)	on plant	Greece
Urophora sp. (Diptera Tephritidae)	reared	France, Germany, Ital
Centaurea idea Boiss & Heldr. (Asteraceae)		
Cycloderes canescens (Rossi)	on plant	Greece
(Coleoptera Curculionidae)	•	
Cyphocleonus sp. (Coleoptera Curculionidae)	reared	Greece
Sitona hispidulus (F.) (Coleoptera Curculionidae)	on plant	Greece
Centaurea jacea L. (Asteraceae)		
Acanthiophilus helianthi (Rossi)	reared	Austria, France,
(Diptera Tephritidae)		Germany
Anthomyza gracilis Fallén (Diptera Anthomyiidae)	reared	Germany
Bangasternus provincialis (Fairmaire)	reared	Italy
(Coleoptera Curculionidae)		
Chaetostomella onotrophes (Loewe)	reared	Germany
(Diptera Tephritidae)		
Hysteropterum grylloides (F.)	on plant	Italy
(Homoptera Issidae)		
Larinus planus (F.) (Coleoptera Curculionidae)	reared	Italy
Larinus sturnus (Schaller)	reared	Italy
(Coleoptera Curculionidae)		
Lasioderma serricorne (F.)	reared	Italy
(Coleoptera Anobiidae)		
Ormyrus punctiger Westwood	reared	Italy
(Hymenoptera Ormyridae)		
Oscinella frit (L.) (Diptera Chloropidae)	reared	Germany
Polyodaspis ruficornis (Macquart)	reared	Germany
(Diptera Chloropidae)		

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Sarcophaga sp. (Diptera Calliphoridae)	ex plant	Italy
Sitona lineatus (L.) (Coleoptera Curculionidae)	ex head	Germany
Sphaeroderma rubidum (Graëlls)	on plant	France
(Coleoptera Chrysomelidae) Sycophila submutica (Thomson)	reared	Italy
(Hymenoptera Eurytomidae) Urophora affinis (Frauenfeld)	reared	France
(Diptera Tephritidae)		
Urophora quadrifasciata? (Meigen) (Diptera Tephritidae)	reared	Germany, Italy
Centaurea macedonica Boiss. & Heldr. (Asteraceae)		
Larinus minutus Gyllenhal (Coleoptera Curculionidae)	ex dry head	Greece
Centaurea maculosa Lam. (Asteraceae)		
Acanephodus onopordi (Kirby) (Coleoptera Apionidae)	reared	Austria
Acanthiophilus helianthi (Rossi)	reared	Germany
(Diptera Tephritidae)	1 .	
Agapeta zoegana (L.)	ex plant	Hungary
(Lepidoptera Tortricidae)	1	Г.
Bracon sp. (Hymenoptera Braconidae)	reared	France
Corticaria sp. (Coleoptera Latridiidae)	ex plant	Germany
Cyphocleonus achates (Fåhraeus) (Coleoptera Curculionidae)	reared	Austria, Hungary
Eurytoma tibialis Boheman	reared	France
(Hymenoptera Eurytomidae)		
Larinus minutus Gyllenhal	ex dry head	Greece
(Coleoptera Curculionidae)		
Meligethes incanus Sturm	ex plant	Italy
(Coleoptera Nitidulidae)		
Ormyrus punctiger Westwood	reared	France
(Hymenoptera Ormyridae)		
Otiorhynchus ovatus (L.)	ex plant	Germany
(Coleoptera Curculionidae)		
Pterolonche inspersa Staudinger	ex plant	Hungary
(Lepidoptera Pterolonchidae)		
Urophora affinis (Frauenfeld) (Diptera Tephritidae)	reared	Austria, France

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Urophora quadrifasciata (Meigen)	reared	France, Germany
(Diptera Tephritidae) Urophora sp. (Diptera Tephritidae)	reared	Germany
Centaurea melitensis L. (Asteraceae)		
Elasmus sp. (Hymenoptera Elasmidae)	reared	Italy
Larinus curtus Hochhut	ex head	Italy
(Coleoptera Curculionidae)		
Melittobia acasta Walker	reared	Italy
(Hymenoptera Eulophidae)		
Centaurea napifolia L. (Asteraceae)		
Acalles diocletianus (Germar)	reared	Italy
(Coleoptera Curculionidae)		J
Acalles dromedarius Boheman	reared	Italy
(Coleoptera Curculionidae)		•
Acanthiophilus helianthi (Rossi)	reared	Italy
(Diptera Tephritidae)		•
Attalus sp. (Coleoptera Melyridae)	reared	Italy
Cnephasia sp. (Lepidoptera Tortricidae)	reared	Italy
Hypera postica (Gyllenhal)	ex plant	Italy
(Coleoptera Curculionidae)	•	•
Lasioderma serricorne (F.)	reared	Italy
(Coleoptera Anobiidae)		·
Phytomyza horticola? Goureau	on plant	Italy
(Diptera Agromyzidae)	-	·
Porphyrinia parva (Hübner)	reared	Italy
(Lepidoptera Noctuidae)		
Rhyzobius litura (F.) (Coleoptera Coccinellidae)	feeding	Italy
Sycophila submutica (Thomson)	reared	Italy
(Hymenoptera Eurytomidae)		
Centaurea nicaensis All. (Asteraceae)		
Acalles diocletianus (Germar)	reared	Italy
(Coleoptera Curculionidae)	rearea	rtary
Acanthiophilus helianthi (Rossi)	reared	Italy
(Diptera Tephritidae)	Tourou	Luiy
Bruchidius obscuricollis (Gyllenhal)	reared	Italy
(Coleoptera Bruchidae)	Tourou	2001
(Soleoptora Diacindae)		

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Bruchidius tuberculatus (Hochhut) (Coleoptera Bruchidae)	reared	Italy
Ceratapion robusticorne (Desbrochers) (Coleoptera Apionidae)	reared	Italy
Larinus flavescens Germar (Coleoptera Curculionidae)	reared	Italy
Lasioderma haemorrhoidale ? (Illiger) (Coleoptera Anobiidae)	reared	Italy
Lasioderma serricorne (F.) (Coleoptera Anobiidae)	reared	Italy
Lasioderma sp. (Coleoptera Anobiidae)	reared	Italy
Leucopis sp. (Diptera Chamaemyiidae)	reared	Italy
Lonchoptera fuscata (Fallén) (Diptera Lonchopteridae)	reared	Italy
Malthinus sp. (Coleoptera Melyridae)	ex plant	Italy
Mordellistena sp. (Coleoptera Mordellidae)	ex plant	Italy
Ormyrus punctiger Westwood (Hymenoptera Ormyridae)	reared	Italy
Pterolonche sp. (Lepidoptera Pterolonchidae)	reared	Italy
Urophora quadrifasciata? (Meigen) (Diptera Tephritidae)	reared	Germany, Italy
Centaurea nigra L. (Asteraceae)		
Chaetostomella onotrophes (Loewe) (Diptera Tephritidae)	reared	Germany
Chrysochloa tristis (F.) (Coleoptera Chrysomelidae)	on plant	France
Centaurea pallidior Halácsy (Asteraceae) Larinus minutus Gyllenhal (Coleoptera Curculionidae)	ex dry head	Greece
Centaurea phrygia L. (Asteraceae) Chaetostomella onotrophes (Loewe) (Diptera Tephritidae)	reared	Germany
Larinus minutus Gyllenhal (Coleoptera Curculionidae)	ex dry head	Greece

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Centaurea phrygia ? L. (Asteraceae)		
Eurytoma robusta Mayr	reared	Germany
(Hymenoptera Eurytomidae)		, and the second
Isocolus scabiosae (Giraud)	reared	Germany
(Hymenoptera Cynipidae)		,
Centaurea pseudophrygia (C. A. Meyer) Gugler (A	Asteraceae)	
Larinus obtusus Gyllenhal	on plant	Austria
(Coleoptera Curculionidae)	P	
Centaurea repens L. (Asteraceae)		
Acanthiophilus helianthi (Rossi)	reared	Iran
(Diptera Tephritidae)		
Aelia sp. (Hemiptera Pentatomidae)	on plant	Iran
Attalus sp. (Coleoptera Melyridae)	on plant	Iran
Clytra atraphaxidis? (Pallas)	on plant	Iran
(Coleoptera Chrysomelidae)	on plant	11 411
Coptocephala sp. (Coleoptera Chrysomelidae)	on plant	Iran
Deltocephalus sp. (Homoptera Cicadellidae)	on plant	Iran
Handianus sp. (Homoptera Cercopidae)	on plant	Iran
Holcostethus sp. (Hemiptera Pentatomidae)	on plant	Iran
Porphyrinia parva (Hübner)	feeding	Iran
(Lepidoptera Noctuidae)	recuing	11 aii
Tettigometra griseola Fieber	on plant	Iran
(Homoptera Tettigometridae)	on plant	11 all
	on plant	Iran
Tettigometra sp. (Homoptera Tettigometridae)	on plant	11 a 11
Centaurea salonitana Vis. (Asteraceae)	o 11	
Larinus minutus Gyllenhal	feeding	Greece
(Coleoptera Curculionidae)		
Centaurea scabiosa L. (Asteraceae)		
Eurytoma robusta Mayr	reared	Germany
(Hymenoptera Eurytomidae)		
Larinus jaceae (F.) (Coleoptera Curculionidae)	reared	Germany
Orellia colon (Meigen) (Diptera Tephritidae)	reared	Germany
Polyodaspis ruficornis (Macquart)	reared	Germany
(Diptera Chloropidae)		
Urophora cuspidata (Meigen)	reared	Germany
(Diptera Tephritidae)		

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Centaurea solstitialis L. (Asteraceae)		
Acalles diocletianus (Germar)	reared	Italy
(Coleoptera Curculionidae)		
Acalles dromedarius Boheman	ex head	Italy
(Coleoptera Curculionidae)		
Acanephodus onopordi (Kirby)	reared	Greece, Italy
(Coleoptera Apionidae)		
Acanephodus orientale (Gerstäcker)	feeding	Greece, Yugoslavia
(Coleoptera Apionidae)		
Acanthiophilus helianthi (Rossi)	reared	Greece, Italy
(Diptera Tephritidae)		
Acanthiophilus sp. 1 (Diptera Tephritidae)	on plant	Greece
Acanthiophilus sp. 2 (Diptera Tephritidae)	ex dry head	Turkey
Adelphocoris vandalicus (Rossi)	on plant	Italy
(Hemiptera Miridae)	•	ř
Agapanthia cardui (L.)	on plant	Greece, Italy, Spain
(Coleoptera Cerambycidae)	•	•
Agapanthia dahli (Richter)	on plant	Greece
(Coleoptera Cerambycidae)	•	
Agapanthia leucaspis (Steven)	on plant	Greece
(Coleoptera Cerambycidae)	•	
Agonopteryx subpropinquella Stainton	reared	Italy
(Lepidoptera Oecophoridae)		
Alophus nictitans singularis Jacquelin DuVal	on plant	Italy
(Coleoptera Curculionidae)	1	···-J
Anisopteromalus calandrae (Howard)	reared	Italy
(Hymenoptera Pteromalidae)		······································
Antistrophoplex cothurnatus (Masi)	reared	Iran, Italy
(Hymenoptera Torymidae)		,
Aphis terricola Rondani (Homoptera Aphididae)	feeding	?
Arima marginata (F.)	feeding	?
(Coleoptera Chrysomelidae)	recamg	•
Aspidiotes thalassinus (Schönherr)	feeding	Greece
(Coleoptera Curculionidae)	recamb	Greece
Attagenus unicolor (Brahm)	ex head	Italy
(Coleoptera Dermestidae)	OA Houd	ituiy
Bangasternus fausti (Reitter)	ex head	Greece, Turkey
(Coleoptera Curculionidae)	CA Head	Greece, Turkey
Bangasternus orientalis (Capiomont)	reared	Greece Turkov
	reared	Greece, Turkey
(Coleoptera Curculionidae)		

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Baryscapus sp. (Hymenoptera Eulophidae)	reared	Greece
Bombus sp. (Hymenoptera Apidae)	on plant	Italy
Bracon pectoralis? Westwood (Hymenoptera Braconidae)	reared	Greece
Bracon quinquemaculatus? Szelény (Hymenoptera Braconidae)	reared	Greece
Bracon sp. 1 (Hymenoptera Braconidae)	ex dry head	Turkey
Bracon sp. 2 (Hymenoptera Braconidae)	ex dry head	Turkey
Bracon sp. 3 (Hymenoptera Braconidae)	ex dry head	Turkey
Bracon sp. 4 (Hymenoptera Braconidae)	reared	Greece
Bracon urinator Panzer (Hymenoptera Braconidae)	reared	Greece
Bruchidius sp. (Coleoptera Bruchidae)	ex dry head	Greece, Italy, Turkey
Bruchidius tuberculatus (Hochhut) (Coleoptera Bruchidae)	reared	Greece, Turkey
Bruchidius varius (Olivier) (Coleoptera Bruchidae)	reared	Italy
Carpocoris pudicus (Poda) (Hemiptera Pentatomidae)	on plant	Spain
Carpocoris sp. (Hemiptera Pentatomidae)	on plant	Italy
Cassida denticollis Suffrian (Coleoptera Chrysomelidae)	ex dry head	Italy, Turkey
Cassida rubiginosa O.F. Müller (Coleoptera Chrysomelidae)	on plant	Greece, Italy, Yugoslavia
Cassida sp. (Coleoptera Chrysomelidae)	on plant	Greece
Ceratapion basicorne (Illiger) (Coleoptera Apionidae)	reared	France, Greece, Iran, Italy
Ceratapion gibbirostre (Gyllenhal) (Coleoptera Apionidae)	feeding	Greece, Italy
Ceratapion sp. (Coleoptera Apionidae)	reared	Greece, Italy
Ceutorhynchus erysimi (F.) (Coleoptera Curculionidae)	on plant	Greece
Ceutorhynchus picitarsis Gyllenhal (Coleoptera Curculionidae)	on plant	Greece
Chaetocnema concinna (Marsham) (Coleoptera Chrysomelidae)	ex plant	Italy
Chaetocnema tibialis? (Illiger) (Coleoptera Chrysomelidae)	ex plant	Italy
Chaetorellia australis Hering (Diptera Tephritidae)	reared	Greece

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Chaetorellia carthami? Stackelberg	reared	Italy
(Diptera Tephritidae) Chaetorellia hexachaeta (Loewe) (Diptera Tephritidae)	reared	Greece
Chaetorellia sp. (Diptera Tephritidae)	reared	Greece, Italy
Chaetorellia succinea (Costa) (Diptera Tephritidae)	reared	?
Chaetostomella cylindrica (Robineau-Desvoidy) (Diptera Tephritidae)	reared	Greece
Chelonus sp. (Hymenoptera Braconidae)	reared	Greece
Chrysolina banksi (F.) (Coleoptera Chrysomelidae)	feeding	?
Chrysolina menthastri (Suffrian) (Coleoptera Chrysomelidae)	on plant	Greece
Cionus clairvillei Boheman (Coleoptera Curculionidae)	on plant	Greece
Cleonis pigra (Scopoli) (Coleoptera Curculionidae)	reared	Greece
Clytra sp. (Coleoptera Chrysomelidae)	ex plant	Greece
Cnephasia abrasana (Duponchel)	reared	Italy
(Lepidoptera Tortricidae)		_ 4
Cnephasia incertana (Treitschke) (Lepidoptera Tortricidae)	reared	Italy
Coccinella septempunctata L. (Coleoptera Coccinellidae)	on plant	Italy
Coniatus repandus ? (F.) (Coleoptera Curculionidae)	on plant	Greece
Cyphocleonus achates (Fåhraeus) (Coleoptera Curculionidae)	on plant	Greece
Cyphocleonus morbillosus (F.) (Coleoptera Curculionidae)	reared	Italy
Dactynotus sp. (Homoptera Aphididae)	feeding	?
Deraeocoris punctulatus (Fallén) (Hemiptera Miridae)	on plant	Turkey
Diplapion detritum (Mulsant & Rey)	feeding	Italy
Diplapion stolidum (Germar) (Coleoptera Apionidae)	ex head	Greece
Donus crinitus (Boheman) (Coleoptera Curculionidae)	on plant	Italy
Donus sp. (Coleoptera Curculionidae)	on plant	Greece

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

lant and associated insect	Type of association	Country where collected
Elachertus sp. (Hymenoptera Eulophidae)	reared	Greece, Italy
Elasmus sp. (Hymenoptera Elasmidae)	ex head	Italy
Euderus sp. (Hymenoptera Eulophidae)	on plant	Italy
Eupelmus microzonus Förster	reared	Greece, Italy
(Hymenoptera Eupelmidae)		
Eupelmus sp. (Hymenoptera Eupelmidae)	reared	Greece, Italy, Turkey
Eurydema ornatum (L.)	on plant	Italy
(Hemiptera Pentatomidae)	-	
Eurytoma robusta Mayr	reared	Greece, Italy, Turkey
(Hymenoptera Eurytomidae)		
Eurytoma sp. 1 (Hymenoptera Eurytomidae)	reared	Italy
Eurytoma sp. 2 (Hymenoptera Eurytomidae)	reared	Greece
Eurytoma sp. 3 (Hymenoptera Eurytomidae)	reared	Turkey
Eurytoma sp. 4 (Hymenoptera Eurytomidae)	reared	Iran
Eurytoma tibialis Boheman	reared	Greece, Italy
(Hymenoptera Eurytomidae)		
Eustenopus villosus (Boheman)	reared	Greece Turkey
(Coleoptera Curculionidae)		
Exopristus trigonomerus (Masi)	reared	Greece
(Hymenoptera Torymidae)		
Figites consobrimus? Girault	on plant	Yugoslavia
(Hymenoptera Cynipidae)		
Forficula sp. (Dermaptera Forficulidae)	on plant	Italy
Genus sp. (Coleoptera Chrysomelidae)	ex dry head	Turkey
Genus sp. (Coleoptera Elateridae)	on plant	Greece
Genus sp. (Diptera Agromyzidae)	reared	?
Genus sp. (Diptera Bombyliidae)	on plant	Italy
Genus sp. (Diptera Chamaemyiidae)	reared	Greece
Genus sp. (Diptera Otitidae)	on plant	Greece
Genus sp. (Diptera Simuliidae)	on plant	Italy
Genus sp. (Diptera Tabanidae)	on plant	Italy
Genus sp. (Diptera Tephritidae)	reared	Greece, Italy
Genus sp. (Hemiptera Lygaeidae)	on plant	Turkey
Genus A sp. (Hemiptera Miridae)	on plant	Turkey
Genus B sp. (Hemiptera Miridae)	on plant	Turkey
Genus C sp. (Hemiptera Miridae)	on plant	Italy
Genus sp. (Hemiptera Pentatomidae)	on plant	Italy, Turkey
Genus sp. (Hemiptera Tingidae)	on plant	Italy
Genus sp. (Hymenoptera Apidae)	on plant	Italy
Genus sp. (Hymenoptera Braconidae)	reared	Italy

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Genus sp. (Hymenoptera Cynipidae)	reared	Italy
Genus sp. (Hymenoptera Eurytomidae)	ex plant	Greece, Italy
Genus A sp. (Hymenoptera Ichneumonidae)	ex dry head	Turkey
Genus B sp. (Hymenoptera Ichneumonidae)	ex dry head	Turkey
Genus C sp. (Hymenoptera Ichneumonidae)	reared	Greece
Genus sp. (Hymenoptera Pteromalidae)	ex head	Italy, Turkey
Genus sp. (Hymenoptera Torymidae)	ex head	Italy, Turkey, Yugoslavia
Genus sp. (Thysanoptera Aelothripidae)	on plant	Yugoslavia
Gymnetron bipustulatum (Rossi) (Coleoptera Curculionidae)	on plant	Greece
Homalotylus flaminius Dalman (Hymenoptera Encyrtidae)	on plant	Italy
Hypera postica (Gyllenhal) (Coleoptera Curculionidae)	on plant	Greece
Hypera zoilus (Scopoli) (Coleoptera Curculionidae)	on plant	Greece
Hyssopus sp. (Hymenoptera Eulophidae)	reared	Greece
Hysteropterum grylloides (F.)	on plant	Greece
(Homoptera Issidae)		
Isocolus jaceae (Schrank)	on plant	Italy
(Hymenoptera Cynipidae)		
Isocolus rogenhoferi Wachtl (Hymenoptera Cynipidae)	reared	Greece, Italy
Isocolus scabiosae (Giraud) (Hymenoptera Cynipidae)	reared	Italy
Isocolus sp. (Hymenoptera Cynipidae)	reared	?
Larinus centaureae (Olivier) (Coleoptera Curculionidae)	ex dry head	Greece
Larinus curtus Hochhut (Coleoptera Curculionidae)	reared	Greece, Italy, Turkey
Larinus filiformis Petri (Coleoptera Curculionidae)	ex dry head	Greece
Larinus flavescens Germar (Coleoptera Curculionidae)	reared	Italy
Larinus grisescens Gyllenhal (Coleoptera Curculionidae)	feeding	Greece, Italy, Turkey
Larinus jaceae (F.) (Coleoptera Curculionidae)	on plant	Greece

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Larinus latus (Herbst)	on plant	Greece
(Coleoptera Curculionidae)		
Larinus longirostris Gyllenhal	reared	?
(Coleoptera Curculionidae)		
Larinus minutus Gyllenhal	ex dry head	Greece
(Coleoptera Curculionidae)		
Larinus planus (F.) (Coleoptera Curculionidae)	on plant	Italy
Larinus rusticanus Gyllenhal (Coleoptera Curculionidae)	reared	Italy
Larinus turbinatus Gyllenhal (Coleoptera Curculionidae)	on plant	Greece
Larinus ursus (F.) (Coleoptera Curculionidae)	on plant	Turkey
Lasioderma haemorrhoidale ? (Illiger) (Coleoptera Anobiidae)	reared	Turkey
Lasioderma obscurum? Solsky (Coleoptera Anobiidae)	on plant	Italy
Lasioderma redtenbacheri (Bach) (Coleoptera Anobiidae)	reared	Greece, Turkey
Lasioderma serricorne (F.) (Coleoptera Anobiidae)	reared	Italy, Turkey
Lasioderma sp. (Coleoptera Anobiidae)	reared	Greece, Italy, Turke
Lasiopa tenuirostris (Loewe)	on plant	Yugoslavia
(Diptera Stratiomyidae)	-	_
Lixus angustatus (F.) (Coleoptera Curculionidae)	on plant	Greece
Lixus filiformis (F.) (Coleoptera Curculionidae)	on plant	Greece
Lixus scolopax Boheman (Coleoptera Curculionidae)	reared	Greece
Lixus speciosus Miller (Coleoptera Curculionidae)	reared	Greece
Longitarsus sp. 1 (Coleoptera Chrysomelidae)	on plant	Yugoslavia
Longitarsus sp. 2 (Coleoptera Chrysomelidae)	ex plant	Italy
Macroneura sp. (Hymenoptera Eupelmidae)	reared	Greece, Turkey
Malachius spinipennis Germar (Coleoptera Melyridae)	on plant	Yugoslavia
Meligethes erythropus? (Marsham) (Coleoptera Nitidulidae)	feeding	Italy
Metzneria aestivella (Zeller) (Lepidoptera Gelechiidae)	reared	Turkey
Metzneria aprilella (Herrich-Schäffer) (Lepidoptera Gelechiidae)	reared	Italy
Metzneria sp. (Lepidoptera Gelechiidae)	reared	?

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Microgaster sp. (Hymenoptera Braconidae)	reared	Italy
Mordellistena pumila Gyllenhal (Coleoptera Mordellidae)	on plant	Italy
Mordellistena sp. (Coleoptera Mordellidae)	reared	Greece
Netocia morio (F.) (Coleoptera Scarabaeidae)	feeding	Italy
Oedemera nobilis Scopoli (Coleoptera Oedemeridae)	on plant	Italy
Ormyrus gratiosus Förster (Hymenoptera Ormyridae)	reared	Italy
Ormyrus orientalis Walker (Hymenoptera Ormyridae)	reared	Italy
Ormyrus punctiger Westwood (Hymenoptera Ormyridae)	reared	Italy
Ormyrus sp. (Hymenoptera Ormyridae)	reared	Greece, Italy, Turkey
Otiorhynchus rhacusensis Germar (Coleoptera Curculionidae)	on plant	Italy
Oxycarenus pallens (Herrich-Schäffer) (Hemiptera Lygaeidae)	reared	Greece, Iran, Turkey
Oxythyrea funesta (Poda) (Coleoptera Scarabaeidae)	on plant	Italy
Perilampus sp. (Hymenoptera Perilampidae)	ex head	Turkey
Phanacis centaureae Förster (Hymenoptera Cynipidae)	reared	Greece
Phanacis sanctigellerti Balas (Hymenoptera Cynipidae)	reared	?
Philaenus spumarius (L.) (Homoptera Cercopidae)	on plant	Italy
Phytoecia scapularis (Chevrolat) (Coleoptera Cerambycidae)	reared	Greece
Phytoecia virgula (Charpentier) (Coleoptera Cerambycidae)	on plant	Greece
Podonta sp. (Coleoptera Alleculidae)	on plant	Yugoslavia
Pollenia sp. (Diptera Calliphoridae)	on plant	Greece
Porphyrinia parva (Hübner) (Lepidoptera Noctuidae)	reared	Italy, Yugoslavia
Pronotalia sp. (Hymenoptera Eulophidae)	reared	Italy
Protaetia sp. (Coleoptera Scarabaeidae)	on plant	Greece
Protapion trifolii (L.) (Coleoptera Apionidae)	on plant	Italy, Turkey
Psalidium sp. (Coleoptera Curculionidae)	on plant	Greece

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Pseudorchestes cinereus? (Fåhraeus)	reared	Italy, Turkey
(Coleoptera Curculionidae)		J / J
Pseudorchestes pratensis (Germar)	ex dry head	Greece
(Coleoptera Curculionidae)	·	
Pseudorchestes tomentosus? (Olivier)	reared	Greece
(Coleoptera Curculionidae)		
Pseudotorymus sp. (Hymenoptera Torymidae)	reared	Italy, Turkey
Psilothrix viridicoeruleus (Fourcroy)	on plant	Italy
(Coleoptera Melyridae)		
Psylliodes chalcomera (Illiger)	on plant	Yugoslavia
(Coleoptera Chrysomelidae)		
Psylliodes hyosciami (L.)	on plant	Greece
(Coleoptera Chrysomelidae)		
Psylliodes sp. (Coleoptera Chrysomelidae)	on plant	Greece
Pteromalus cardui ? Erdos	ex head	Italy
(Hymenoptera Pteromalidae)		
Pteromalus elevatus (Walker)	on plant	Italy
(Hymenoptera Pteromalidae)		
Pteromalus sp. (Hymenoptera Pteromalidae).	ex head	Italy
Ptinus subpilosus? Sturm (Coleoptera Ptinidae)	ex dry head	Italy
Pyroderces argyrogrammos (Zeller)	reared	Greece, Italy
(Lepidoptera Cosmopterygidae)		
Raphidia sp. (Neuroptera Raphidiidae)	on plant	Italy
Rhaconotos sp. (Hymenoptera Braconidae)	reared	Italy
Rhinocyllus oblongus Capiomont	on plant	Greece
(Coleoptera Curculionidae)		
Scambus eucosmarum (Perkins)	reared	Italy
(Hymenoptera Ichneumonidae)		
Scymnus mimulus Capra & Fürsch	ex dry head	Turkey
(Coleoptera Coccinellidae)		
Scythris sp. (Lepidoptera Scythrididae)	on plant	Spain
Selenocephalus griseus (F.)	on plant	Greece, Italy
(Homoptera Cicadellidae)		
Sitona discoideus Gyllenhal	on plant	Italy
(Coleoptera Curculionidae)		
Sitona humeralis Stephens	on plant	Italy
(Coleoptera Curculionidae)		
Sitophilus oryzae L.	on plant	Italy
(Coleoptera Rhynchophoridae)		

Plant and associated insect	Type of association	Country where collected
Spermophagus sericeus (Fourcroy)	on plant	Italy
(Coleoptera Bruchidae)		
Sphaeroderma rubidum (Graëlls) (Coleoptera Chrysomelidae)	reared	France, Greece, Italy
Sphegigaster sp. (Hymenoptera Pteromalidae)	reared	Italy
Squamapion elongatum (Germar) (Coleoptera Apionidae)	on plant	Turkey
Strophomorphus porcellus (Schönherr) (Coleoptera Curculionidae)	on plant	Greece
Subcoccinella vigintiquatuorpunctata (L.) (Coleoptera Coccinellidae)	on plant	Yugoslavia
Sycophila sp. (Hymenoptera Eurytomidae)	reared	Greece
Sycophila submutica (Thomson) (Hymenoptera Eurytomidae)	reared	Greece
Tebenna bjerkanderella (Thunberg) (Lepidoptera Choreutidae)	reared	Italy
Tebenna micalis? (Mann) (Lepidoptera Choreutidae)	reared	?
Terellia sp. (Diptera Tephritidae)	ex dry head	Greece, Italy, Turkey
Terellia uncinata White	reared	?
(Lepidoptera Tephritidae)		
Terellia virens (Loewe) (Diptera Tephritidae)	reared	Greece, Italy
Tetrastichus brevicornis (Panzer)	on plant	Italy
(Hymenoptera Eulophidae)		
Tetrastichus deira (Walker) (Hymenoptera Eulophidae)	on plant	Italy
Tetrastichus sp. 1 (Hymenoptera Eulophidae)	reared	Greece
Tetrastichus sp. 2 (Hymenoptera Eulophidae)	reared	Italy
Tettigometra virescens (Panzer) (Homoptera Tettigometridae)	on plant	Italy
Thersamonia thersamon (Esper) (Lepidoptera Lycaenidae)	on plant	Italy
Tingis rotundicollis (Jakovlev) (Hemiptera Tingidae)	on plant	Italy
Trichomalus cardui ? (Masi) (Hymenoptera Pteromalidae)	ex roots	France
Trichosirocalus horridus (Panzer) (Coleoptera Curculionidae)	on plant	Greece
Tychius argentatus Chevrolat (Coleoptera Curculionidae)	on plant	Italy

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Uronhova iggulata Pondoni	roord	Italy
Urophora jaculata Rondani (Diptera Tephritidae)	reared	Italy
Urophora quadrifasciata (Meigen) (Diptera Tephritidae)	reared	Greece, Italy
Urophora sirunaseva (Hering) (Diptera Tephritidae)	reared	Italy, Greece
Xyletinus sp. (Coleoptera Anobiidae)	on plant	Yugoslavia
Zonitis sp. (Coleoptera Meloidae)	on plant	Greece
Centaurea sp. (Asteraceae)		
Acalles diocletianus (Germar)	reared	Italy
(Coleoptera Curculionidae)		-
Acanephodus robusticornis (Desbrochers)	reared	Italy
(Coleoptera Apionidae)		
Bangasternus fausti (Reitter)	feeding	Greece
(Coleoptera Curculionidae)		
Bracon sp. (Hymenoptera Braconidae)	on plant	Italy
Caenacis sp. (Hymenoptera Pteromalidae)	reared	Italy
Ceratapion penetrans (Germar)	on plant	Spain
(Coleoptera Apionidae)		
Ceratapion sp. (Coleoptera Apionidae)	reared	Turkey
Cleonis pigra (Scopoli)	reared	Greece
(Coleoptera Curculionidae)		
Cyphocleonus achates (Fåhraeus)	reared	Greece
(Coleoptera Curculionidae)		
Eurytoma tibialis Boheman	reared	Italy
(Hymenoptera Eurytomidae)		
Hephatus nanus (Herrich-Schäffer)	on plant	Italy
(Homoptera Cicadellidae)		
Larinus australis Capiomont	on head	Greece
(Coleoptera Curculionidae)		
Larinus australis? Capiomont	reared	Greece
(Coleoptera Curculionidae)		
Larinus canescens Gyllenhal	reared	Greece
(Coleoptera Curculionidae)	1 1	
Larinus minutus Gyllenhal	ex head	Greece
(Coleoptera Curculionidae)	1	Ta - 1
Larinus obtusus Gyllenhal	reared	Italy
(Coleoptera Curculionidae)		

Plant and associated insect	Type of association	Country where collected
Larinus sibiricus Gyllenhal	reared	Greece
(Coleoptera Curculionidae)	reareu	Greece
Larimus sp. (Coleoptera Curculionidae)	reared	Greece
Larinus syriacus Gyllenhal	on head	Greece
(Coleoptera Curculionidae)	on nead	Greece
Lixus speciosus Miller	reared	Greece
(Coleoptera Curculionidae)	rearea	Greece
Ormyrus punctiger Westwood	reared	Italy
(Hymenoptera Ormyridae)	Tourou	Tury
Centaurea sphaerocephala L. (Asteraceae)		
Acalles dromedarius Boheman	reared	Italy
(Coleoptera Curculionidae)		
Psilothrix sp. (Coleoptera Melyridae)	on plant	Italy
Pyroderces argyrogrammos (Zeller)	reared	Italy
(Lepidoptera Cosmopterygidae)		
Centaurea spruneri Boiss. & Heldr. ssp. guicciardii	(Roiss) Havek	(Asteraceae)
Larinus crassus Capiomont	ex dry head	Greece
(Coleoptera Curculionidae)	ex ary nead	Greece
Larinus grisescens Gyllenhal	ex dry head	Greece
(Coleoptera Curculionidae)	on ary noud	0.000
Chenopodium album L. (Chenopodiaceae)		
Cassida nebulosa L. (Coleoptera Chrysomelidae)	feeding	Bulgaria
Chondrilla juncea L. (Asteraceae)		
Cryptocephalus signaticollis Suffrian	on plant	Turkey
(Coleoptera Chrysomelidae)		•
Cycloderes canescens (Rossi)	on plant	Greece
(Coleoptera Curculionidae)	•	
Dasineura sp. (Diptera Cecidomyiidae)	reared	Turkey
Ensina sonchi (L.) (Diptera Tephritidae)	reared	Greece
Hypolixus sp. (Coleoptera Curculionidae)	on plant	Egypt
Lixus anguinus (L.) (Coleoptera Curculionidae)	on plant	Egypt
Lixus astrachanicus Faust	on plant	Egypt
(Coleoptera Curculionidae)	4	
Lixus rosenschoeldi Boheman	on plant	Egypt
(Coleoptera Curculionidae)		
Lixus sp. (Coleoptera Curculionidae)	on plant	Egypt

Plant and associated insect	Type of association	Country where collected
Cirsium arvense (L.) Scop. (Asteraceae)		
Altica carduorum Guérin-Meneville	on plant	England, France, Italy
(Coleoptera Chrysomelidae)	- F	\mathcal{S} , , , \mathcal{S}
Bruchidius sp. (Coleoptera Bruchidae)	reared	Germany
Cassida sp. (Coleoptera Chrysomelidae)	ex foliage	Yugoslavia
Chaetostomella onotrophes (Loewe)	reared	Germany
(Diptera Tephritidae)		•
Cleonis pigra (Scopoli)	reared	Italy
(Coleoptera Curculionidae)		•
Cochylis hybridella? (Hübner)	reared	Yugoslavia
(Lepidoptera Tortricidae)		
Corticaria sp. (Coleoptera Latridiidae)	ex head	Germany
Diplapion detritum (Mulsant & Rey)	reared	Italy
(Coleoptera Apionidae)		
Epurea sp. (Coleoptera Nitidulidae)	on plant	Germany
Eurytoma robusta Mayr	reared	Germany
(Hymenoptera Eurytomidae)		
Eurytoma tibialis Boheman	reared	Germany, Yugoslavia
(Hymenoptera Eurytomidae)		
Genus sp. (Hemiptera Pentatomidae)	on plant	Germany
Genus sp. (Hymenoptera Braconidae)	reared	Germany, Italy
Hadroplontus litura (F.)	on plant	Switzerland
(Coleoptera Curculionidae)		
Larinus planus (F.) (Coleoptera Curculionidae)	reared	Germany, Spain
Larinus turbinatus Gyllenhal	reared	France, Germany,
(Coleoptera Curculionidae)		Greece, Italy,
		Yugoslavia
Lema cyanella (L.) (Coleoptera Chrysomelidae)	on plant	England
Lixus scolopax Boheman	on plant	Italy
(Coleoptera Curculionidae)		
Melanagromyza aeneiventris (Fallén)	reared	Germany
(Diptera Agromyzidae)		- 1
Meligethes sp. (Coleoptera Nitidulidae)	on plant	Italy
Ormyrus punctiger Westwood	reared	Yugoslavia
(Hymenoptera Ormyridae)	1	
Otiorhynchus ovatus (L.)	ex plant	Germany
(Coleoptera Curculionidae)	1	C . I 1
Philaenus spumarius (L.)	on plant	Germany, Italy
(Homoptera Cercopidae)		C
Phora sp. (Diptera Phoridae)	reared	Germany

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Pyroderces argyrogrammos (Zeller)	reared	Italy
(Lepidoptera Cosmopterygidae)		
Rhinocyllus conicus (Frölich)	reared	Italy
(Coleoptera Curculionidae)		
Sitona humeralis Stephens	on plant	Germany
(Coleoptera Curculionidae)		
Stictopleurus punctatonervosus (Goeze)	on plant	Germany
(Hemiptera Rhopalidae)		
Tychius quinquepunctatus (L.)	on plant	Italy
(Coleoptera Curculionidae)		
Urophora stylata (F.) (Diptera Tephritidae)	reared	Yugoslavia
Cirsium candelabrum Griseb. (Asteraceae)		
Larinus jaceae (F.) (Coleoptera Curculionidae)	ex dry head	Greece
Cirsium canum (L.) All. (Asteraceae)		
Agapanthia dahli (Richter)	on plant	Austria
(Coleoptera Cerambycidae)	-	
Cirsium creticum (Lam.) D'Urv. (Asteraceae)		
Larinus planus (F.) (Coleoptera Curculionidae)	ex dry head	Greece
Larinus turbinatus Gyllenhal (Coleoptera Curculionidae)	ex dry head	Greece
Lasioderma sp. (Coleoptera Anobiidae)	reared	Greece
Urophora stylata (F.) (Diptera Tephritidae)	reared	Greece
Cirsium eriophorum (L.) Scop. (Asteraceae)		
Larinus sturnus (Schaller)	ex dry head	Greece
(Coleoptera Curculionidae)	• • • • • • • • • • • • • • • • • • •	0.000
Larinus turbinatus Gyllenhal	ex dry head	Greece
(Coleoptera Curculionidae)	on any made	G. 3333
Cirsium rivulare (Jacq.) All. (Asteraceae)		
Larinus planus (F.) (Coleoptera Curculionidae)	reared	Germany
Cirsium setosum (Willd.) Bieb. (Asteraceae)		
Larinus turbinatus Gyllenhal	reared	Russia
(Coleoptera Curculionidae)	reared	russia
(Colcopicia Curculionidae)		

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Cirsium sp. (Asteraceae)		
Cantharis sp. (Coleoptera Cantharidae)	on plant	Italy
Cleonis pigra (Scopoli)	reared	Italy
(Coleoptera Curculionidae)	rearea	ituly
Larinus jaceae (F.) (Coleoptera Curculionidae)	ex dry head	Greece
Larinus sturnus (Schaller)	ex dry head	Greece
Larinus turbinatus Gyllenhal	ex head	Greece, Italy
(Coleoptera Curculionidae)	• • • • • • • • • • • • • • • • • • • •	,,
Lasioderma baudii (Schilsky)	reared	Italy
(Coleoptera Anobiidae)		J
Rhinocyllus conicus (Frölich)	on plant	France, Italy
(Coleoptera Curculionidae)	•	, ,
Cirsium tuberosum (L.) All. (Asteraceae)		
Larinus sturnus (Schaller)	ex head	Greece
(Coleoptera Curculionidae)		
Larinus turbinatus Gyllenhal	ex dry head	Greece
(Coleoptera Curculionidae)		
Cirsium vulgare (Savi) Ten. (Asteraceae)		
Altica carduorum Guérin-Meneville	feeding	Italy
(Coleoptera Chrysomelidae)		
Ceratapion sp. (Coleoptera Apionidae)	reared	Italy
Cleonis pigra (Scopoli)	reared	Germany, Italy
(Coleoptera Curculionidae)		
Epiblema pflugiana ? (F.)	reared	Italy
(Lepidoptera Tortricidae)		
Ercta sp. (Lepidoptera Pyralidae)	reared	Italy
Eupithecia sp. (Lepidoptera Geometridae)	reared	France
Eurytoma robusta Mayr	reared	Italy
(Hymenoptera Eurytomidae)		
Eurytoma sp. (Hymenoptera Eurytomidae)	reared	Italy
Eurytoma tibialis Boheman	reared	France, Italy
(Hymenoptera Eurytomidae)		- 4
Genus sp. (Hymenoptera Braconidae)	reared	Italy
Homoeosoma nebulella? (Denis & Schiffermüller)	reared	Italy
(Lepidoptera Pyralidae)		
Jaapiella cirsiicola (Rubsaamen)	reared	France
(Diptera Cecidomyiidae)		

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Larinus sturnus (Schaller)	reared	France, Greece, Italy
(Coleoptera Curculionidae)		
Larinus turbinatus Gyllenhal	reared	Greece, Italy
(Coleoptera Curculionidae)		
Lestodiplosis cirsii Barnes	reared	France
(Diptera Cecidomyiidae)		
Lixus angustatus (F.)	reared	Italy
(Coleoptera Curculionidae)		
Lixus filiformis (F.) (Coleoptera Curculionidae)	on plant	Italy
Miarus graminis (Gyllenhal) (Coleoptera Curculionidae)	ex dry head	Greece
Phyllobius etruscus Desbrochers (Coleoptera Curculionidae)	on plant	Italy
Procris sp. (Lepidoptera Arctiidae)	reared	Italy
Sitona gressorius (F.)	on plant	Italy
(Coleoptera Curculionidae)		
Sitona sp. (Coleoptera Curculionidae)	on plant	Germany, Italy
Squamapion elongatum (Germar) (Coleoptera Apionidae)	ex dry head	Greece
Sterrha dimidiata (Hufnagel) (Lepidoptera Geometridae)	reared	Italy
Terellia longicauda (Meigen) (Diptera Tephritidae)	reared	France
Udea ferrugalis (Hübner) (Lepidoptera Pyralidae)	reared	Italy
Urophora stylata (F.) (Diptera Tephritidae)	reared	Germany, Italy
Citrus aurantium L. (Rutaceae)		
Drosophila sp. (Diptera Drosophilidae)	reared	Italy
Convolvulus althaeoides L. (Convolvulaceae)		
Altica oleracea? (L.) (Coleoptera Chrysomelidae)	feeding	Spain
Bruchidius bimaculatus ? (Olivier) (Coleoptera Bruchidae)	on plant	Spain
Bruchidius seminarius ? (L.) (Coleoptera Bruchidae)	on plant	Spain
Cantharis sp. (Coleoptera Cantharidae)	on plant	Spain
Exosoma lusitanicum (L.)	feeding	Spain
(Coleoptera Chrysomelidae)		1
Genus sp. (Coleoptera Alleculidae)	on plant	Portugal
Genus sp. (Coleoptera Melyridae)	on plant	Italy, Spain
	on plant	ruij, opuii

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Hemiptarsenus sp. (Hymenoptera Eulophidae)	on plant	Spain
Oedemera virescens L.	on plant	Spain
(Coleoptera Oedemeridae)	•	•
Onebala lamprostoma (Zeller)	reared	Israel, Spain
(Lepidoptera Gelechiidae)		-
Spermophagus sp. (Coleoptera Bruchidae)	feeding	Spain
Spermophagus variolosopunctatus Gyllenhal	feeding	Portugal, Spain
(Coleoptera Bruchidae)	_	
Sphenoptera sp. (Coleoptera Buprestidae)	on plant	Spain
Tropinota hirta (Poda)	feeding	Spain
(Coleoptera Scarabaeidae)	<u> </u>	•
Convolvulus arvensis L. (Convolvulaceae)		
Acontia lucida (Hufnagel)	on plant	Italy
(Lepidoptera Noctuidae)		
Adrastus limbatus (F.) (Coleoptera Elateridae)	on plant	Yugoslavia
Aedia leucomelas (L.) (Lepidoptera Noctuidae)	reared	Italy, Spain
Aelia acuminata (L.) (Hemiptera Pentatomidae)	feeding	Spain
Agapanthia sp. (Coleoptera Cerambycidae)	on plant	Greece
Agrius convolvuli (L.) (Lepidoptera Sphingidae)	reared	France, Italy, Spain
Agrotis segetum (Denis & Schiffermüller)	reared	Italy
(Lepidoptera Noctuidae)		
Altica oleracea? (L.) (Coleoptera Chrysomelidae)	feeding	Italy
Apanteles sp. (Hymenoptera Braconidae)	reared	Italy, Spain
Apatele rumicis (L.) (Lepidoptera Noctuidae)	reared	Italy
Apion haematodes Kirby (Coleoptera Apionidae)	on plant	Italy
Aplocnemus sp. (Coleoptera Melyridae)	on plant	Portugal
Archips crataeganus (Hübner)	reared	Austria
(Lepidoptera Tortricidae)		
Argyroploce arbutella ? (L.)	reared	Austria
(Lepidoptera Oleuthretidae)		
Argyrotaenia pulchellana (Hawort)	reared	Italy
(Lepidoptera Tortricidae)		
Asecodes ? sp. (Hymenoptera Eulophidae)	reared	Italy
Asiraca clavicornis (F.)	feeding	Austria, Yugoslavia
(Homoptera Delphacidae)		
Aulacorthum solani (Kaltenbach)	feeding	Yugoslavia
(Homoptera Aphididae)		
Aulacorthum speyeri Börner	feeding	Italy
(Homoptera Aphididae)		

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Autographa gamma (L.) (Lepidoptera Noctuidae)	reared	Italy, Spain, Yugoslavia
Axinotarsus sp. (Coleoptera Melyridae)	on plant	Spain
Axylia putris (L.) (Lepidoptera Noctuidae)	reared	Spain
Bedellia somnulentella (Zeller)	reared	France, Italy,
(Lepidoptera Lyonetidae)		Portugal, Spain
Boarmia selenaria (Denis & Schiffermüller)	reared	Italy
(Lepidoptera Geometridae)		
Brachmia sp. (Lepidoptera Gelechiidae)	reared	Italy
Brachmia triannulella (Herrich-Schäffer)	reared	Austria, Italy,
(Lepidoptera Gelechiidae)		Yugoslavia
Cacoecimorpha pronubana (Hübner) (Lepidoptera Tortricidae)	reared	Italy, Spain
Carpocoris mediterraneus Tamanini (Hemiptera Pentatomidae)	feeding	Spain
Cassida atrata F. (Coleoptera Chrysomelidae)	feeding	Italy
Cassida rubiginosa ? O.F. Müller (Coleoptera Chrysomelidae)	on plant	Portugal
Cassida sp. (Coleoptera Chrysomelidae)	on plant	Italy, Portugal, Spain
Cassida vittata? Villiers	on plant	Yugoslavia
(Coleoptera Chrysomelidae)	F	
Cassida weidmanni Chapuis	feeding	Italy
(Coleoptera Chrysomelidae)	<i>6</i>	
Ceratapion penetrans (Germar) (Coleoptera Apionidae)	on plant	Yugoslavia
Ceratapion sp. (Coleoptera Apionidae)	on plant	Yugoslavia
Cercopis sanguinolenta (Scopoli) (Homoptera Cercopidae)	feeding	Yugoslavia
Chasmatopterus sp. (Coleoptera Scarabaeidae)	feeding	Portugal
Chiasmia clathrata (L.)	reared	Italy
(Lepidoptera Geometridae)		
Choromyia formosa (Scopoli)	on plant	Yugoslavia
(Diptera Stratiomyidae)	1	X7 1 '
Chrysochloa sp. (Coleoptera Chrysomelidae)	on plant	Yugoslavia
Chrysocrambus linetellus (F.)	reared	Austria, Italy
(Lepidoptera Pyralidae)	,	7. 1
Chrysodeixis chalcytes (Esper)	reared	Italy
(Lepidoptera Noctuidae)	1	C ' 17 1
Chrysolina banksi? (F.) (Coleoptera Chrysomelidae)	on plant	Spain, Yugoslavia

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Cicadella viridis (L.) (Homoptera Cicadellidae)	feeding	Italy
Coptocephala chalibaea? Germar (Coleoptera Chrysomelidae)	feeding	Portugal
Cryptocephalus sp. (Coleoptera Chrysomelidae)	feeding	Italy
Cyphocleonus morbillosus (F.) (Coleoptera Curculionidae)	on plant	Italy
Dinarmus acutus Thomson (Hymenoptera Pteromalidae)	reared	Italy
Discestra trifolii ? (Hufnagel) (Lepidoptera Noctuidae)	reared	Italy
Dissoctena granigerella? Staudinger (Lepidoptera Psychidae)	feeding	Portugal, Spain
Donus crinitus (Boheman) (Coleoptera Curculionidae)	on plant	Italy
Dorcadion sp. (Coleoptera Cerambycidae)	on plant	Italy
Dryoderes umbraculatus (F.)	feeding	Spain
(Hemiptera Pentatomidae)		
Ematurga atomaria orientaria Staudinger (Lepidoptera Geometridae)	reared	Italy
Emmelia trabealis (Scopoli) (Lepidoptera Noctuidae)	reared	France, Italy, Spain, Yugoslavia
Eurydema oleraceum (L.) (Hemiptera Pentatomidae)	feeding	Spain
Eurytoma sp. (Hymenoptera Eurytomidae)	reared	Iran, Italy, Spain
Formicomus sp. (Coleoptera Anthicidae)	on plant	Italy
Galeruca rufa Germar (Coleoptera Chrysomelidae)	reared	France, Greece, Italy
Gastrophysa polygoni (L.) (Coleoptera Chrysomelidae)	on plant	Italy, Spain
Genus sp. (Coleoptera Bruchidae)	on plant	France, Italy
Genus sp. (Coleoptera Chrysomelidae)	on plant	Italy
Genus sp. (Coleoptera Coccinellidae)	on plant	Italy
Genus sp. (Coleoptera Phalacridae)	ex plant	Italy
Genus sp. (Hemiptera Lygaeidae)	on plant	Italy, Spain
Genus A sp. (Hemiptera Miridae)	on plant	France, Italy
Genus B sp. (Hemiptera Miridae)	on plant	France, Italy
Genus sp. (Hemiptera Pentatomidae)	on plant	Italy
Genus sp. (Homoptera Cercopidae)	feeding	Italy
Genus sp. (Homoptera Cicadellidae)	feeding	Italy
Genus sp. (Hymenoptera Eurytomidae)	on plant	Italy

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Genus sp. (Hymenoptera Ichneumonidae)	reared	Italy, Spain
Genus sp. (Hymenoptera Pteromalidae)	reared	Spain
Genus sp. (Lepidoptera Hesperidae)	feeding	Italy
Genus sp. (Lepidoptera Lasiocampidae)	on plant	Italy
Genus sp. (Lepidoptera Noctuidae)	reared	Italy
Genus sp. (Lepidoptera Pyralidae)	on plant	Italy
Genus sp. (Lepidoptera Tortricidae)	reared	Italy
Gonocephalum pusillum (F.) (Coleoptera Tenebrionidae)	on plant	Italy, Spain
Henosepilachna elaterii (Rossi) (Coleoptera Coccinellidae)	on plant	Italy
Holcostethus strictus (F.) (Hemiptera Pentatomidae)	feeding	Spain
Holotrichapion pisi (F.) (Coleoptera Apionidae)	on plant	Italy
Hydrisis ornatalis (Duponchel)	reared	Austria, Italy,
(Lepidoptera Pyralidae)		Portugal, Spain, Yugoslavia
Hypena lividalis (Hübner) (Lepidoptera Noctuidae)	on plant	Spain
Hypera postica (Gyllenhal) (Coleoptera Curculionidae)	on plant	Italy
Hypocassida meridionalis ? (Suffrian) (Coleoptera Chrysomelidae)	feeding	Italy
Hypocassida subferruginea (Schrank) (Coleoptera Chrysomelidae)	feeding	Italy, Portugal, Spain, Yugoslavia
Hypocassida subferruginea? (Schrank) (Coleoptera Chrysomelidae)	feeding	Greece, Iran
Iridomyrmex humilis (Mayr) (Hymenoptera Formicidae)	on plant	Italy
Isomera cinerascens (Rondani) (Diptera Tachinidae)	reared	Italy
Lagria hirta F. (Coleoptera Lagriidae)	on plant	Italy
Larentia clavaria (Haawort) (Lepidoptera Geometridae)	reared	Italy
Leucania sp. (Lepidoptera Noctuidae)	reared	Spain
Limnobaris dolorosa (Goeze) (Coleoptera Curculionidae)	on plant	Italy
Lixus iridis (Olivier) (Coleoptera Curculionidae)	on plant	Italy
Longitarsus longipennis ? Kutschera (Coleoptera Chrysomelidae)	feeding	Yugoslavia

Plant and associated insect	Type of association	Country where collected
Longitarsus nasturtii ? (F.)	feeding	Portugal, Spain
(Coleoptera Chrysomelidae)		
Longitarsus pellucidus Foudras (Coleoptera Chrysomelidae)	reared	France, Greece, Italy Spain, Yugoslavia
Longitarsus sp. (Coleoptera Chrysomelidae)	feeding	Greece
Macroneura vesicularis (Retzius) (Hymenoptera Eupelmidae)	?	?
Macrosyphum euphorbiae (Thomas) (Homoptera Aphididae)	feeding	Spain
Malachius bipustulatus L. (Coleoptera Melyridae)	on plant	Italy
Malachius sp. (Coleoptera Melyridae)	on plant	Portugal, Yugoslavia
Mamestra brassicae (L.) (Lepidoptera Noctuidae)	reared	Italy
Mamestra oleracea (L.) (Lepidoptera Noctuidae)	reared	Italy
Melanagromyza albocilia Hendel (Diptera Agromyzidae)	reared	Italy
Meligethes solidus Kugelann (Coleoptera Nitidulidae)	feeding	Spain
Meligethes sp. (Coleoptera Nitidulidae)	feeding	Austria, Greece, Yugoslavia
Melitaea sp. (Lepidoptera Satyridae)	on plant	Italy
Meloe sp. (Coleoptera Meloidae)	on plant	Portugal
Mordellistena sp. (Coleoptera Mordellidae)	on plant	Italy
Myzys persicae Sulzer (Homoptera Aphididae)	feeding	Italy, Portugal
Nemorilla floralis (Fallén) (Diptera Tachinidae)	reared	Italy
Neoglocianus maculaalba (Herbst) (Coleoptera Curculionidae)	on plant	Italy
Nezara viridula (L.) (Hemiptera Pentatomidae)	feeding	Italy, Spain
Noctuelia floralis (Hübner) (Lepidoptera Pyralidae)	reared	Italy
Nyssia florentina Stephan (Lepidoptera Geometridae)	reared	Italy
Oedemera nobilis Scopoli (Coleoptera Oedemeridae)	on plant	Italy
Oedemera sp. (Coleoptera Oedemeridae)	on plant	Italy, Portugal, Spain
Oidematophorus monodactylus (L.) (Lepidoptera Pterophoridae)	reared	Italy, Spain, Turkey

Plant and associated insect	Type of association	Country where collected
Olibrus sp. (Coleoptera Phalacridae)	feeding	Italy
Orthezia sp. (Homoptera Ortheziidae)	feeding	Italy
Oscinella frit (L.) (Diptera Chloropidae)	on plant	Italy
Otiorhynchus alutaceus Germar (Coleoptera Curculionidae)	on plant	Italy
Oulema melanopus (L.) (Coleoptera Chrysomelidae)	on plant	Italy
Oxythyrea funesta (Poda) (Coleoptera Scarabaeidae)	feeding	Italy
Pachytychius squamosus (Gyllenhal) (Coleoptera Curculionidae)	on plant	Italy
Paracelypha rivulana (Scopoli) (Lepidoptera Tortricidae)	reared	Italy
Peridroma saucia (Hübner) (Lepidoptera Noctuidae)	reared	Italy
Phenococcus sp. (Homoptera Pseudococcidae)	feeding	Italy
Phylaenus spumarius (L.) (Homoptera Cercopidae)	feeding	France, Italy, Yugoslavia
Phyllotreta consobrina? Curtis (Coleoptera Chrysomelidae)	feeding	Italy
Phyllotreta nigripes (F.) (Coleoptera Chrysomelidae)	feeding	Greece
Pimelia sp. (Coleoptera Tenebrionidae)	on plant	Spain
Planococcus citri ? (Risso) (Homoptera Pseudococcidae)	feeding	Italy, Spain
Pleurota sp. (Lepidoptera Oecophoridae)	reared	Italy
Podagrica malvae ? (Illiger) (Coleoptera Chrysomelidae)	feeding	Italy
Polydrusus sp. (Coleoptera Curculionidae)	on plant	Italy
Protapion nigritarse (Kirby) (Coleoptera Apionidae)	on plant	Italy
Pseudococcus longispinus (Targioni-Tozzetti) (Homoptera Pseudococcidae)	feeding	Spain
Psilothrix sp. (Coleoptera Melyridae)	on plant	Italy, Portugal, Spain
Psylliodes glabra L. Redtenbacher (Coleoptera Chrysomelidae)	on plant	Italy
Psylliodes sp. (Coleoptera Chrysomelidae)	on plant	Italy, Portugal
Psyllobora vigintiduomaculata (L.) (Coleoptera Coccinellidae)	on plant	Italy

Plant and associated insect	Type of association	Country where collected
Pterophorus pentadactylus (L.)	reared	Italy
(Lepidoptera Pterophoridae)		
Pyrausta cespitalis (Denis & Schiffermüller) (Lepidoptera Pyralidae)	reared	Italy
Rivula sericealis (Scopoli) (Lepidoptera Noctuidae)	reared	Italy
Scolothrips sp. (Thysanoptera Thrypidae)	feeding	Italy
Scymnus sp. (Coleoptera Coccinellidae)	on plant	Italy
Scythris sp. (Lepidoptera Scythrididae)	reared	Italy
Sitochra verticalis (L.) (Lepidoptera Pyralidae)	reared	Italy, Yugoslavia
Sitona limosus (Rossi) (Coleoptera Curculionidae)	on plant	Italy
Sitona suturalis Stephens (Coleoptera Curculionidae)	on plant	Italy
Smaragdina sp. (Coleoptera Chrysomelidae)	on plant	Portugal
Sminthurus viridis L. (Collembola Sminthuridae)	feeding	Italy
Spanganothis pilleriana (Denis & Schiffermüller) (Lepidoptera Tortricidae)	reared	Austria
Spermophagus kuesteri Schilsky (Coleoptera Bruchidae)	feeding	Iran
Spermophagus sericeus (Fourcroy) (Coleoptera Bruchidae)	reared	Greece, Italy, Portugal, Spain
Spermophagus sp. (Coleoptera Bruchidae)	reared	Italy, Yugoslavia
Sphaeroderma testaceum? Weise (Coleoptera Chrysomelidae)	on plant	Spain
Spodoptera exigua (Hübner) (Lepidoptera Noctuidae)	reared	Yugoslavia
Spodoptera littoralis (Boisduval) (Lepidoptera Noctuidae)	reared	Spain
Stenoptilia pycnodactyla ? (L.) (Lepidoptera Pterophoridae)	reared	Spain
Stenosis angustata (Herbst) (Coleoptera Tenebrionidae)	on plant	Italy
Sterrha sp. (Lepidoptera Geometridae)	reared	Italy
Stigmella sp. (Lepidoptera Nepticulidae)	reared	Austria, France, Italy, Portugal, Spain
Stilbus sp. (Coleoptera Phalacridae)	feeding	Italy
Strobliomyia tibialis (Robineau-Desvoidy) (Diptera Tachinidae)	reared	Italy

Plant and associated insect	Type of association	Country where collected
Strophomorphus porcellus (Germar) (Coleoptera Curculionidae)	on plant	Italy
Subcoccinella vigintiquatuorpunctata (L.) (Coleoptera Coccinellidae)	on plant	Italy
Synthymia fixa (F.) (Lepidoptera Noctuidae)	reared	Spain
Syrphophagus sp. (Hymenoptera Encyrtidae)	on plant	Israel
Tanymecus palliatus (F.) (Coleoptera Curculionidae)	on plant	Italy
Tanymecus sp. (Coleoptera Curculionidae)	on plant	Israel
Thrips tabaci (L.) (Thysanoptera Thrypidae)	feeding	Italy
Timandra amataria (L.) (Lepidoptera Geometridae)	reared	Italy
Titanio normalis Hübner (Lepidoptera Pyralidae)	reared	Italy, Spain
Trachys puncticollis obscurella Obenberger (Coleoptera Buprestidae)	reared	France, Italy
Trachys sp. (Coleoptera Buprestidae)	reared	Iran
Trachys troglodytes Gyllenhal (Coleoptera Buprestidae)	reared	Greece
Trichosirocalus baldensis (Schultze) (Coleoptera Curculionidae)	on plant	Italy
Trioza sp. (Homoptera Psyllidae)	feeding	Italy
Tyta luctuosa (Denis & Schiffermüller) (Lepidoptera Noctuidae)	reared	Austria, France, Italy, Portugal, Spain, Yugoslavia
Xylena vetusta (Hübner) (Lepidoptera Noctuidae)	reared	Austria
Convolvulus sp. (Convolvulaceae)		
Genus sp. (Hemiptera Lygaeidae)	on plant	Greece
Protapion dissimile (Germar) (Coleoptera Apionidae)	on plant	Turkey
Protapion trifolii (L.) (Coleoptera Apionidae) Telenomus sp. (Hymenoptera Scelionidae)	on plant ?	Turkey ?
Cousinia congesta Bunge (Asteraceae) Larimus capiomonti Faust	on plant	USSR
(Coleoptera Curculionidae)	-	
Larimus jaceae (F.) (Coleoptera Curculionidae)	on plant	USSR

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Crupina vulgaris Cass. (Asteraceae)		
Acanthiophilus helianthi (Rossi)	reared	?
(Diptera Tephritidae)	rourou	•
Ceratapion beckeri (Desbrochers)	reared	Greece
(Coleoptera Apionidae)		3,000
Clytie illunaris (Hübner)	on plant	?
(Lepidoptera Noctuidae)	оп раши	·
Lasioderma redtenbacheri ? Bach	ex head	Greece
(Coleoptera Anobiidae)	C/I IICuu	Greece
Metzneria aprilella (Herrich-Schaffer)	reared	France, Greece
(Lepidoptera Gelechiidae)	rourod	Trance, Greece
Stegobium paniceum (L.) (Coleoptera Anobiidae)	ex head	Greece
Styphlus penicyllus Gyllenhal	reared	France
(Coleoptera Curculionidae)	roured	Trance
(Colooptoid Curounomano)		
Cuscuta sp. (Cuscutaceae)		
Orius minutus (L.) (Hemiptera Anthocoridae)	on plant	Italy
Smicronyx jungermanniae Reiche	reared	Italy
(Coleoptera Curculionidae)		
,		
Cynara cardunculus L. (Asteraceae)		
Larinus cynarae (F.) (Coleoptera Curculionidae)	ex seed head	Greece
Larinus scolymi (Olivier)	ex dry head	Greece
(Coleoptera Curculionidae)		
Voria ruralis (Fallén) (Diptera Tachinidae)	reared	Italy
Cynara scolymus (L.) Hayek (Asteraceae)		
Acalles diocletianus (Germar)	reared	Italy
(Coleoptera Curculionidae)		
Acalles dromedarius Boheman	reared	Italy
(Coleoptera Curculionidae)		
Acanthiophilus helianthi (Rossi)	reared	Italy
(Diptera Tephritidae)		
Agromyza apfelbecki Strobl	reared	Italy
(Diptera Agromyzidae)		
Biosteres carbonarius (Nees)	reared	Italy
(Hymenoptera Braconidae)		
Bracon sp. (Hymenoptera Braconidae)	reared	Italy
Cacoecimorpha pronubana (Hübner)	reared	Italy
(Lepidoptera Tortricidae)		

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Ceratapion sp. (Coleoptera Apionidae)	on plant	Italy
Chrysolina banksi (F.)	on plant	Italy
(Coleoptera Chrysomelidae)	·	,
Coccinella septempunctata L.	on plant	Italy
(Coleoptera Coccinellidae)		Ž
Dolycoris baccarum (L.)	on plant	Italy
(Hemiptera Pentatomidae)		Ž
Drosophila funebris (F.) (Diptera Drosophilidae)	reared	Italy
Exeristes roborator (F.)	reared	Italy
(Hymenoptera Ichneumonidae)		•
Gastrophysa polygoni (L.)	on plant	Italy
(Coleoptera Chrysomelidae)	1	,
Homoeosoma sp. (Lepidoptera Pyralidae)	reared	Italy
Larinus scolymi (Olivier)	reared	Italy
(Coleoptera Curculionidae)		,
Lasioderma baudii Schilsky	reared	Italy
(Coleoptera Anobiidae)		
Melitaea cynxia (L.)	reared	Italy
(Lepidoptera Nymphalidae)		,
Nezara viridula (L.) (Hemiptera Pentatomidae)	on plant	Italy
Pimpla sp. (Hymenoptera Ichneumonidae)	reared	Italy
Pyroderces argyrogrammos (Zeller)	reared	Italy
(Lepidoptera Cosmopterygidae)		,
Sitona sp. (Coleoptera Curculionidae)	on plant	Italy
Sitophilus sp. (Coleoptera Rhynchophoridae)	ex head	Italy
Sphaeroderma rubidum (Graëlls)	feeding	Italy
(Coleoptera Chrysomelidae)		
Subcoccinella vigintiquatuorpunctata (L.)	on plant	Italy
(Coleoptera Coccinellidae)	•	,
Terellia fuscicornis (Loewe)	reared	Greece, Italy
(Diptera Tephritidae)		
Cynara sp. (Asteraceae)		
Grammodes stolida (F.) (Lepidoptera Noctuidae)	reared	Italy
Cytisus scoparius (L.) Link (Papilionaceae)		
Agrilus biguttatus (F.) (Coleoptera Buprestidae)	reared	France, Italy
Agriphila latistria (Hawort) (Lepidoptera Crambidae)	on plant	France

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Agrothereuthes abbreviatus (F.)	reared	France
(Hymenoptera Ichneumonidae)		
Anaspis sp. (Coleoptera Mordellidae)	on plant	France
Bruchidius seminarius (L.) (Coleoptera Bruchidae)	reared	Italy
Chrysolina? sp. (Coleoptera Chrysomelidae)	on plant	France
Exapion fuscirostre (F.) (Coleoptera Apionidae)	reared	Italy
Gonioctena olivacea (Forster) (Coleoptera Chrysomelidae)	on plant	France
Leucoptera spartifoliella (Hübner) (Lepidoptera Lyonetidae)	reared	France, Italy
Phloeophtorus rhododactylus (Marsham) (Coleoptera Scolytidae)	reared	France
Echinops ritro L. (Asteraceae)		
Larinus onopordi (F.) (Coleoptera Curculionidae)	on plant	Turkey
Echinops sp. (Asteraceae)		
Ceratapion penetrans (Germar) (Coleoptera Apionidae)	ex head	Greece
Diplapion stolidum (Germar) (Coleoptera Apionidae)	ex head	Greece
Genus sp. (Hemiptera Tingidae)	on plant	Egypt
Larinus vulpes (Olivier) (Coleoptera Curculionidae)	ex dry head	Greece
Echinops sphaerocephalus L. (Asteraceae)		
Eurytoma sp. (Hymenoptera Eurytomidae)	reared	Italy
Sitona sp. (Coleoptera Curculionidae)	ex plant	Italy
Strophomorphus porcellus (Germar) (Coleoptera Curculionidae)	ex head	Italy
Eryngium campestre L. (Umbelliferae) Zygaena erythrus (Denis & Schiffermüller) (Lepidoptera Zygaenidae)	reared	Italy
Euphorbia amygdaloides L. (Euphorbiaceae) Aphthona venustula Kutschera (Coleoptera Chrysomelidae)	reared	France, Italy

Plant and associated insect	Type of association	Country where collected
Euphorbia characias L. (Euphorbiaceae)		
Acroclyta subsequana (Herrich-Schäffer)	on plant	France
(Lepidoptera Tortricidae)		
Aphthona venustula Kutschera	feeding	Italy
(Coleoptera Chrysomelidae)		
Nephopteryx divisella Dupochel	on plant	France
(Lepidoptera Pyralidae)		
Thamnurgus euphorbiae Küster	reared	Italy
(Coleoptera Scolytidae)		
Euphorbia cyparissias L. (Euphorbiaceae)		
Altica oleracea (L.) (Coleoptera Chrysomelidae)	on plant	Italy
Anaspis sp. (Coleoptera Mordellidae)	on plant	Hungary
Anthrenus pimpinellae (F.)	feeding	Romania
(Coleoptera Dermestidae)		
Aphthona cyparissiae (Koch)	feeding	Austria, Germany,
(Coleoptera Chrysomelidae)		Hungary, Italy
Aphthona czwalinae Weise	on plant	Hungary
(Coleoptera Chrysomelidae)		
Aphthona flava Guillebeau	feeding	Hungary, Italy,
(Coleoptera Chrysomelidae)		Romania
Aphthona ovata Foudras	on plant	Austria
(Coleoptera Chrysomelidae)		
Aphthona venustula Kutschera	feeding	Hungary
(Coleoptera Chrysomelidae)		
Chamaesphecia leucopsiformis (Esper)	reared	Italy
(Lepidoptera Sesiidae)		
Chamaesphecia tenthrediniformis	on plant	France
(Denis & Schiffermüller) (Lepidoptera Sesiidae)		
Cheilosia sp. (Diptera Syrphidae)	on plant	Hungary
Dicranocephalus agilis (Scopoli)	feeding	Austria
(Hemiptera Stenocephalidae)		
Dicranocephalus albipes (F.)	feeding	Italy
(Hemiptera Stenocephalidae)		
Genus sp. (Coleoptera Alleculidae)	on plant	Austria
Genus sp. (Coleoptera Phalacridae)	on plant	Austria
Genus sp. (Diptera Anthomyiidae)	on plant	Hungary
Genus sp. (Hymenoptera Torymidae)	reared	Austria
Meligethes aeneus (F.) (Coleoptera Nitidulidae)	on plant	Hungary, Romania
Mylacus sp. (Coleoptera Curculionidae)	on plant	Hungary

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Oberea erythrocephala (Schrank)	feeding	Austria, Italy
(Coleoptera Cerambycidae)	10008	
Propylea quatuordecimpunctata (L.)	on plant	Austria
(Coleoptera Coccinellidae)	4	Carre
Simyra dentinosa Freyer	reared	Greece
(Lepidoptera Noctuidae) Spurgia capitigena (Bremi)	reared	Greece
(Diptera Cecidomyiidae)	reared	Greece
Spurgia capitigena? (Bremi)	reared	Greece
(Diptera Cecidomyiidae)	reared	Greece
Thamnurgus euphorbiae Küster	reared	Italy
(Coleoptera Scolytidae)		1001
Euphorbia esula L. (Euphorbiaceae)		Chin-
Adelphocoris lineolatus (Goeze)	on plant	China
(Hemiptera Miridae) Aphis euphorbiae? Kaltenbach	faadina	China
(Homoptera Aphididae)	feeding	Cillia
Aphthona abdominalis (Duftschimid)	feeding	Italy
(Coleoptera Chrysomelidae)	recumg	rtary
Aphthona chinchihi Chen	reared	China
(Coleoptera Chrysomelidae)	1 cui cu	Omma
Aphthona czwalinae Weise	feeding	Austria, Russia
(Coleoptera Chrysomelidae)	<i>5</i>	,
Aphthona flava Guillebeau	feeding	Italy
(Coleoptera Chrysomelidae)		Ž
Aphthona nigriscutis Foudras	feeding	Italy, Russia
(Coleoptera Chrysomelidae)		
Aphthona seriata Chen	reared	China
(Coleoptera Chrysomelidae)		
Aphthona venustula Kutschera	on plant	Italy
(Coleoptera Chrysomelidae)		
Asiorestia sp. (Coleoptera Chrysomelidae)	on plant	Russia
Atrococcus paludinus (Green)	feeding	China
(Homoptera Pseudococcidae)		G1.1
Celerio euphorbiae (L.)	reared	China
(Lepidoptera Sphingidae)	4	D .
Chaetocnema sp. (Coleoptera Chrysomelidae)	on plant	Russia
Chamaesphecia empiformis (Esper)	reared	Austria
(Lepidoptera Sesiidae)		

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Chamaesphecia sp. (Lepidoptera Sesiidae)	reared	China
Chamaesphecia tenthrediniformis (Denis & Schiffermüller) (Lepidoptera Sesiidae)	reared	Austria
Corizus hyoscyami (L.) (Hemiptera Rhopalidae)	on plant	China
Cryptocephalus flavipes (F.) (Coleoptera Chrysomelidae)	on plant	Russia
Cryptocephalus populi Suffrian (Coleoptera Chrysomelidae)	on plant	Russia
Cryptocephalus sp. (Coleoptera Chrysomelidae)	on plant	Italy
Dasineura sp. (Diptera Cecidomyiidae)	on plant	Russia
Deraeocoris punctulatus (Fallén) (Hemiptera Miridae)	on plant	China
Dicranocephalus albipes (F.) (Hemiptera Stenocephalidae)	reared	Italy, Russia
Eurytoma sp. (Hymenoptera Eurytomidae)	on plant	Russia
Genus sp. (Hymenoptera Tenthredinidae)	on plant	Italy
Homadaula? sp. (Lepidoptera Plutellidae)	reared	China
Lobesia sp. (Lepidoptera Tortricidae)	on plant	Russia
Longitarsus sp. (Coleoptera Chrysomelidae)	on plant	Russia
Neoplinthus tigratus (Rossi) (Coleoptera Curculionidae)	reared	Italy
Notoxus appendicinus Desbrochers (Coleoptera Anthicidae)	on plant	China
Oberea doncelii ? Pic (Coleoptera Chrysomelidae)	reared	China
Oberea erythrocephala (Schrank) (Coleoptera Cerambycidae)	reared	Austria, Hungary, Italy, Russia, Yugoslavia
Oidematophorus monodactylus ? (L.) (Lepidoptera Pterophoridae)	reared	China
Oncochila simplex (Herrich-Schäffer) (Hemiptera Tingidae)	reared	Italy
Pegomya sp. (Diptera Anthomyiidae)	on plant	Russia
Phyllotreta undulata Kutschera (Coleoptera Chrysomelidae)	feeding	Russia
Psylliodes circumdata (W. Redtenbacher) (Coleoptera Chrysomelidae)	on plant	Italy
Psylliodes napi (F.) (Coleoptera Chrysomelidae)	on plant	Italy
Psylliodes sp. (Coleoptera Chrysomelidae)	feeding	Russia
Ptimus sp. (Coleoptera Ptinidae)	on plant	China

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Simyra nervosa (Denis & Schiffermüller)	reared	China
(Lepidoptera Noctuidae)		
Spurgia capitigena (Bremi)	reared	France
(Diptera Cecidomyiidae)		
Spurgia esulae Gagné (Diptera Cecidomyiidae)	reared	Italy
Spurgia sp. (Diptera Cecidomyiidae)	on plant	Russia
Euphorbia gerardiana Jacq. (Euphorbiaceae)		
Chamaesphecia empiformis (Esper)	reared	Austria
(Lepidoptera Sesiidae)		
Oberea erythrocephala (Schrank)	reared	Switzerland
(Coleoptera Cerambycidae)		
Euphorbia iberica Trev. ex Springel (Euphorbiacea	e)	
Athous sp. (Coleoptera Elateridae)	on plant	Russia
Cryptocephalus sp. (Coleoptera Chrysomelidae)	on plant	Russia
Dicranocephalus albipes (F.)	on plant	Russia
(Hemiptera Stenocephalidae)	•	
Oberea erythrocephala (Schrank)	on plant	Russia
(Coleoptera Cerambycidae)		
Sitona puncticollis Stephens	on plant	Russia
(Coleoptera Curculionidae)		
Spurgia sp. (Diptera Cecidomyiidae)	on plant	Russia
Euphorbia lathyris L. (Euphorbiaceae)		
Agelastica alni (L.) (Coleoptera Chrysomelidae)	on plant	Italy
Euphorbia lucida W. et K. (Euphorbiaceae)	14	Y41
Oncochila simplex (Herrich-Schäffer)	on plant	Italy
(Hemiptera Tingidae)		
Euphorbia myrsinites L. (Euphorbiaceae)		
Aphthona pygmaea? Kutschera	feeding	Greece
(Coleoptera Chrysomelidae)		
Neoplinthus tigratus (Rossi)	on plant	Italy
(Coleoptera Curculionidae)		
Euphorbia palustris L. (Euphorbiaceae)		
Oberea euphorbiae (Germar)	ex plant	Austria
(Coleoptera Cerambycidae)		

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Euphorbia paralias L. (Euphorbiaceae) Spurgia sp. (Diptera Cecidomyiidae)	on plant	Russia
Euphorbia platyphyllos L. (Euphorbiaceae) Dicranocephalus albipes (F.) (Hemiptera Stenocephalidae)	on plant	Italy
Euphorbia polychroma Kerner (Euphorbiaceae) Bruchus signaticornis Gyllenhal (Coleoptera Bruchidae)	on plant	Yugoslavia
Euphorbia polychroma? Kerner (Euphorbiaceae) Aphthona bonvouloiri sicelidis Weise (Coleoptera Chrysomelidae)	feeding	Italy
Euphorbia pseudovirgata Shur (Euphorbiaceae) Chamaesphecia crassicornis (Bartel) (Lepidoptera Sesiidae)	reared	Romania
Euphorbia salicifolia Host. (Euphorbiaceae) Ampedus sp. (Coleoptera Elateridae) Anthrenus pimpinellae F. (Coleoptera Dermestidae) Anthrenus scrophulariae (L.) (Coleoptera Dermestidae) Diploneura nitidula (Meigen) (Diptera Phoridae) Meligethes aeneus (F.) (Coleoptera Nitidulidae) Psylliodes attenuata (Koch) (Coleoptera Chrysomelidae)	on plant feeding feeding on plant on plant on plant	Hungary Hungary Hungary Hungary Hungary
Spermophagus sericeus (Fourcroy) (Coleoptera Bruchidae) Stilbus sp. (Coleoptera Phalacridae)	on plant	Hungary Hungary
Euphorbia segetalis L. (Euphorbiaceae) Cacoecimorpha pronubana (Hübner) (Lepidoptera Tortricidae)	on plant	France
Euphorbia seguierana Necker (Euphorbiaceae) Apanteles vanessae (Reinhard) (Hymenoptera Braconidae)	reared	Greece

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Aphthona nigriscutis Foudras	on plant	Russia
(Coleoptera Chrysomelidae)	•	
Chamaesphecia sp. (Lepidoptera Sesiidae)	reared	Greece
Chamaesphecia tenthrediniformis	reared	Hungary
(Denis & Schiffermüller) (Lepidoptera Sesiidae)		
Chrysolina sp. (Coleoptera Chrysomelidae)	on plant	Romania
Dicranocephalus albipes (F.)	feeding	Greece, Hungary
(Hemiptera Stenocephalidae)		
Eurytoma sp. (Hymenoptera Eurytomidae)	reared	Greece
Exorista segregata (Rondani)	reared	Greece
(Diptera Tachinidae)		
Exorista sp. (Diptera Tachinidae)	reared	Greece
Genus sp. (Lepidoptera Noctuidae)	reared	Greece
Hypera sp. (Coleoptera Curculionidae)	on plant	Greece
Mycterus tibialis Küster	on plant	Greece
(Coleoptera Mycteridae)		
Oberea linearis (L.) (Coleoptera Cerambycidae)	reared	Greece
Oxycesta geographica (F.)	on plant	Russia
(Lepidoptera Noctuidae)		
Oxythyrea cinctella (Schaum)	on plant	Greece
(Coleoptera Scarabaeidae)		
Podonta sp. (Coleoptera Alleculidae)	on plant	Greece
Scatomyza sp. (Diptera Drosophilidae)	reared	Greece
Sphegigaster sp. (Hymenoptera Pteromalidae)	reared	Greece
Stenurella bisignata (Brullé)	on plant	Greece
(Coleoptera Cerambycidae)		
Symira dentinosa Freyer	reared	Greece
(Lepidoptera Noctuidae)		
Syntomopus sp (Hymenoptera Pteromalidae)	reared	Greece
Vadonia unipunctata (F.)	on plant	Greece
(Coleoptera Cerambycidae)		
Euphorbia sp. (Euphorbiaceae)		
Adelphocoris lineolatus (Goeze)	on plant	China
(Hemiptera Miridae)		
Aphthona illigeri Bedel	on plant	Italy
(Coleoptera Chrysomelidae)		
Aphthona nigriscutis Foudras	on plant	Hungary, Turkey
(Coleoptera Chrysomelidae)		

Plant and associated insect	Type of association	Country where collected
Aphthona pygmaea Kutschera	on plant	Italy
(Coleoptera Chrysomelidae)	1	•
Aphthona sinilica Chen	feeding	China
(Coleoptera Chrysomelidae)		
Calocoris pilicornis (Panzer)	on plant	USSR
(Hemiptera Miridae)	-	
Catapionus? sp. (Coleoptera Curculionidae)	on plant	China
Celerio euphorbiae (L.)	reared	Italy
(Lepidoptera Sphingidae)		
Chamaesphecia bibioniformis (Esper) (Lepidoptera Sesiidae)	reared	Austria
Chamaesphecia sp. (Lepidoptera Sesiidae)	on plant	Italy
Chrysochus chinensis Baly	on plant	China
(Coleoptera Chrysomelidae)	*	
Coryzus hyosciami (L.) (Hemiptera Rhopalidae)	on plant	China
Cryptocephalus sp. (Coleoptera Chrysomelidae)	on plant	China
Deraeocoris punctulatus (Fallén) (Hemiptera Miridae)	on plant	China
Dicranocephalus medius (Mulsant & Rey) (Hemiptera Stenocephalidae)	on plant	Russia
Exorista segregata (Rondani) (Diptera Tachinidae)	reared	Romania
Genus sp. (Coleoptera Anthicidae)	on plant	China
Genus A sp. (Coleoptera Chrysomelidae)	on plant	China
Genus B sp. (Coleoptera Chrysomelidae)	on plant	China
Genus sp. (Coleoptera Ptinidae)	on plant	China
Genus sp. (Diptera Tachinidae)	reared	Romania
Genus sp. (Homoptera Cicadellidae)	on plant	Iran
Genus sp. (Lepidoptera Sphingidae)	on plant	China
Genus sp. (Lepidoptera Tortricidae)	on plant	China
Gymnoscelis rufifasciata (Haworth) (Lepidoptera Geometridae)	reared	China
Hippodamia variegata (Goeze) (Coleoptera Coccinellidae)	on plant	China
Megamecus sp. (Coleoptera Curculionidae)	on plant	China
Oberea linearis (L.) (Coleoptera Cerambycidae)	on plant	Bulgaria, Greece
Oberea sp. (Coleoptera Cerambycidae)	on plant	China
Ooencyrtus sp. (Hymenoptera Encyrtidae)	on plant	China
Pachybrachys sp. (Coleoptera Chrysomelidae)	on plant	China

Plant and associated insect	Type of association	Country where collected
Paredrocoris pectoralis Reutzer	on plant	USSR
(Hemiptera Miridae)		7 1 1 6
Vadonia unipunctata (F.) (Coleoptera Cerambycidae)	on plant	Bulgaria, Greece
Euphorbia stepposa Zoz. ex Prokhanov (Euphorbia	ceae)	
Aleiodes rugulosus (Nees)	reared	Romania
(Hymenoptera Braconidae)		
Apanteles sp. (Hymenoptera Braconidae)	reared	Romania
Celerio sp. (Lepidoptera Sphingidae)	on plant	Russia
Lobesia sp. (Lepidoptera Tortricidae)	on plant	Russia
Masicera sphingivora (Robinaeu-Desvoidy)	ex Celerio	Russia
(Diptera Tachinidae)		
Oxycesta geographica (F.)	reared	Romania
(Lepidoptera Noctuidae)		
Euphorbia virgata Waldst. & Kit. (Euphorbiaceae)		
Altica oleracea (L.) (Coleoptera Chrysomelidae)	on plant	USSR
Anthrenus scrophulariae (L.)	feeding	Romania
(Coleoptera Dermestidae)	200	
Aphthona lacertosa Rotschild	on plant	Austria
(Coleoptera Chrysomelidae)	•	
Cantharis fusca? (L.) (Coleoptera Anthicidae)	on plant	Romania
Chrysolina fastuosa (L.)	on plant	Romania
(Coleoptera Chrysomelidae)	•	
Crepidodera crassicornis Sandeman	on plant	Hungary
(Coleoptera Chrysomelidae)	-	
Dicranocephalus albipes (F.)	on plant	Hungary
(Hemiptera Stenocephalidae)		
Dicranocephalus medius (Mulsant & Rey)	on plant	Hungary
(Hemiptera Stenocephalidae)		
Neoplinthus porcatus (Herbst)	reared	Romania
(Coleoptera Curculionidae)		
Oberea erythrocephala (Schrank)	on plant	Hungary
(Coleoptera Cerambycidae)		
Galactites tomentosa Mooneh (Astoroscoo)		
Galactites tomentosa Moench. (Asteraceae) Acalles diocletianus (Germar)	feeding	Italy
(Coleoptera Curculionidae)	recuing	italy
(Colcopiola Calcullollidae)		

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Agapanthia cardui (L.)	on plant	France
(Coleoptera Cerambycidae)	1	
Agapanthia dahli (Richter) (Coleoptera Cerambycidae)	on plant	Italy
Alophus nictitans singularis Jacquelin DuVal (Coleoptera Curculionidae)	on plant	Italy
Anthaxia sp. (Coleoptera Buprestidae)	on plant	Italy
Baris sp. (Coleoptera Curculionidae)	on plant	Italy
Genus sp. (Diptera Tephritidae)	reared	Italy
Hadroplontus trimaculatus (F.) (Coleoptera Curculionidae)	reared	Italy
Larinus cynarae (F.) (Coleoptera Curculionidae)	on plant	Italy
Lixomorphus algirus (L.)	on plant	Italy
(Coleoptera Curculionidae)	•	•
Lixus angustatus (F.) (Coleoptera Curculionidae)	on plant	Italy
Lixus cardui (Olivier) (Coleoptera Curculionidae)	feeding	Italy
Lixus filiformis (F.) (Coleoptera Curculionidae)	on plant	Italy
Oedemera sp. (Coleoptera Oedemeridae)	on plant	Italy
Pseudoprotapion astragali (Paykull) (Coleoptera Apionidae)	on plant	Italy
Psylliodes chalcomera (Illiger) (Coleoptera Chrysomelidae)	feeding	Italy
Pyroderces argyrogrammos (Zeller) (Lepidoptera Cosmopterygidae)	reared	Italy
Rhinocyllus conicus (Frölich) (Coleoptera Curculionidae)	feeding	Italy
Trichosirocalus horridus (Parzer) (Coleoptera Curculionidae)	reared	Italy
Galium mollugo L. (Rubiaceae)		
Catharoe rubidata (Denis & Schiffermüller) (Lepidoptera Geometridae)	reared	Italy
Criocoris crassicornis (Hahn) (Hemiptera Miridae)	on plant	Italy
Otiorhynchus pinastri ? (L.) (Coleoptera Curculionidae)	on plant	Italy

Plant and associated insect	Type of association	Country where collected
Genista sagittalis L. (Papilionaceae)		
Exapion formaneki? (Wagner) (Coleoptera Apionidae)	on plant	Germany
Genista sp. (Papilionaceae)		
Exapion formaneki? (Wagner)	on plant	Germany
(Coleoptera Apionidae)		,
Geranium dissectum L. (Geraniaceae)		
Agromyza nigrescens Hendel	reared	Greece
(Diptera Agromyzidae)		
Fenella minuta Thomson	reared	Greece
(Hymenoptera Tenthredinidae)		
Limobius borealis (Paykull)	reared	Greece
(Coleoptera Curculionidae)		
Miscogaster sp. (Hymenoptera Pteromalidae)	ex larva	Greece
Glaucium flavum Crantz. (Papaveraceae)		
Acentrus histrio Boheman	feeding	Greece
(Coleoptera Curculionidae)		
Lixus junci Boheman (Coleoptera Curculionidae)	on plant	Italy
Glaucium sp. (Papaveraceae)		
Acentrus histrio Boheman	reared	Iran
(Coleoptera Curculionidae)		
Chlorochloa sp. (Hemiptera Pentatomidae)	on plant	Iran
Entomoscelis adonidis? (Pallas)	on plant	Iran
(Coleoptera Chrysomelidae)	-	
Hypericum sp. (Hypericaceae)		
Chrysolina hyperici (Forster)	feeding	Italy
(Coleoptera Chrysomelidae)		
Ipomea hispida Parodi (Convolvulaceae)		
Alcidodes sp. (Coleoptera Curculionidae)	reared	Pakistan
Isatis tinctoria L. (Brassicaceae)		
Agapanthia leucaspis (Steven)	on plant	Turkey
(Coleoptera Cerambycidae)		

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Anthrenus pimpinellae ? F.	on plant	Italy
(Coleoptera Dermestidae)	1	-
Baris fallax C. Brisout	on plant	Italy
(Coleoptera Curculionidae)	1	-
Camponotus sp. (Hymenoptera Formicidae)	on plant	Turkey
Carpocoris mediterraneus Tamanini	on plant	Italy
(Hemiptera Pentatomidae)	1 .	T. 1
Cercopis sanguinolenta (Scopoli) (Homoptera Cercopidae)	on plant	Italy
Ceutorhynchus picitarsis Gyllenhal	on plant	Turkey
(Coleoptera Curculionidae)		
Ceutorhynchus rusticus Gyllenhal	reared	?
(Coleoptera Curculionidae)		
Chelonus sp. (Hymenoptera Braconidae)	on plant	Turkey
Cheumatopsyche lepida (Pictet)	on plant	Turkey
(Lepidoptera Hydropsychidae)		
Enicopus parnassi? Kiesenwetter	on plant	Greece
(Coleoptera Melyridae)		
Eurydema ornatum (L.)	on plant	Italy
(Hemiptera Pentatomidae)		
Genus sp. (Coleoptera Chrysomelidae)	on plant	Italy
Genus sp. (Lepidoptera Pieridae)	on plant	Greece
Hypera nigrirostris (F.)	ex root	Italy
(Coleoptera Curculionidae)		
Hypera postica (Gyllenhal)	ex root	Italy
(Coleoptera Curculionidae)		
Malachius sp. (Coleoptera Melyridae)	on plant	Italy
Mordellistena sp. (Coleoptera Mordellidae)	on plant	Italy
Oedemera viresceнs L.	on plant	Italy
(Coleoptera Oedemeridae)		
Philaenus spumarius (L.)	on plant	Italy
(Homoptera Cercopidae)		
Phyllotreta nigripes (F.)	feeding	Turkey
(Coleoptera Chrysomelidae)		
Phyllotreta sp. (Coleoptera Chrysomelidae)	on plant	Italy
Phytoecia vulneris Aurivillius	on plant	Italy
(Coleoptera Cerambycidae)	-	
Pieris sp. (Lepidoptera Pieridae)	on plant	Greece
Polydrusus marginatus Stephens	on plant	Italy
(Coleoptera Curculionidae)	_	-

Plant and associated insect	Type of association	Country where collected
Psylliodes sp. (Coleoptera Chrysomelidae)	on plant	Italy
Scymnus sp. (Coleoptera Coccinellidae)	on plant	Italy
Selenocephalus griseus (F.)	on plant	Italy
(Homoptera Cicadellidae)	•	•
Lactuca viminea (L.) Presl. (Asteraceae)		
Genus sp. (Diptera Tephritidae)	reared	Italy
Lappa sp. (Asteraceae)		
Tephritis bardanae (Schrank) (Diptera Tephritidae)	on plant	Italy
Limoniastrum monopetalum (L.) Boiss. (Plumbagii	naceae)	
Genus sp. (Diptera Syrphidae)	on plant	Egypt
Limoniastrum sp. (Plumbaginaceae)		
Pachybrachys sp. (Coleoptera Chrysomelidae)	on plant	Egypt
Tephritis bardanae (Schrank)	on plant	Egypt
(Diptera Tephritidae)		
Linaria dalmatica (L.) Miller (Scrophulariaceae)		
Aelia sp. (Hemiptera Pentatomidae)	on plant	Italy
Brachypterolus pulicarius (L.)	on plant	Greece, Yugoslavia
(Coleoptera Nitidulidae)		
Calophasia casta (Borkhausen)	reared	Yugoslavia
(Lepidoptera Noctuidae)		
Calophasia lunula (Hufnagel)	reared	Yugoslavia
(Lepidoptera Noctuidae)		
Chrysolina gypsophilae (Küster)	reared	Greece, Yugoslavia
(Coleoptera Chrysomelidae)	1	T. 1
Chrysolina interstincta (Suffrian)	on plant	Italy
(Coleoptera Chrysomelidae)	1	C
Chrysolina rossia (Illiger) × gypsophilae (Küster)	reared	Greece
(Coleoptera Chrysomelidae) Eteobalea intermediella Riedl	rangad	Grana Vugaslavia
	reared	Greece, Yugoslavia
(Lepidoptera Cosmopterygidae)	rangad	Grana Vugaslavia
Eteobalea serratella (Treitschke) (Lepidoptera Cosmopterygidae)	reared	Greece, Yugoslavia
Eurydema ornatum (Hemiptera Pentatomidae)	on plant	Italy
Eurytoma sp. (Hymenoptera Eurytomidae)	reared	Hungary
Em yroma sp. (Trymonopiera Eurytoimae)	reared	Tungary

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Genus sp. (Diptera Tachinidae)	reared	Greece
Gymnetron antirrhini (Paykull) (Coleoptera Curculionidae)	on plant	Turkey
Melitaea didyma Esper (Lepidoptera Nymphalidae)	feeding	Greece
Nezara viridula (L.) (Hemiptera Pentatomidae)	on plant	Italy
Plagiolepis sp. (Hymenoptera Formicidae)	on plant	Italy
Podabrus sp. (Coleoptera Cantharidae)	on plant	Italy
Linaria fastigiata Chav. (Scrophulariaceae)		
Brachypterolus pulicarius (L.) (Coleoptera Nitidulidae)	on plant	Iran
Phytoecia vittipennis Reiche	feeding	Iran
(Coleoptera Cerambycidae)		
Linaria genistifolia (L.) Miller (Scrophulariaceae)		
Brachypterolus pulicarius (L.) (Coleoptera Nitidulidae)	on plant	Greece, Turkey
Bruchus dentipes Baudi (Coleoptera Bruchidae)	on plant	Turkey
Calophasia lunula ? (Hufnagel) (Lepidoptera Noctuidae)	on plant	Romania
Genus sp. (Coleoptera Cerambycidae)	on plant	Greece
Leptocera sp. (Diptera Sphaerocephalidae)	ex plant	Greece
Oscinella sp. (Diptera Chloropidae)	ex plant	Greece
Phytoecia vittipennis Reiche (Coleoptera Cerambycidae)	feeding	Turkey
Phytomyza atricornis Meigen (Diptera Agromyzidae)	reared	Italy
Linaria grandiflora Desf. (Scrophulariaceae)		
Bruchus brachialis F. (Coleoptera Bruchidae)	on plant	Turkey
Phyllotreta sp. (Coleoptera Chrysomelidae)	on plant	Turkey
Platypalpus sp. (Diptera Empididae)	ex plant	Turkey
Linaria heterophylla Desf. (Scrophulariaceae)		
Gymnetron netum (Germar) (Coleoptera Curculionidae)	reared	Italy

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Linaria kurdica Boiss. & Hohen (Scrophulariaceae) Brachypterolus pulicarius (L.) (Coleoptera Nitidulidae)	feeding	Turkey
Linaria sp. (Scrophulariaceae)		
Adelphocoris lineolatus (Goeze) (Hemiptera Miridae)	on plant	Turkey
Adelphocoris sp. (Hemiptera Miridae)	on plant	Turkey
Alleonotus fulvipes (Scopoli) (Hemiptera Miridae)	on plant	Turkey
Anaphes sp. (Hymenoptera Mymaridae)	on plant	Turkey
Anthicus sp. (Coleoptera Anthicidae)	on plant	Turkey
Anthocoris nemorum (L.)	on plant	Turkey
(Hemiptera Anthocoridae)	_	
Aplocnemus sp. (Coleoptera Melyridae)	on plant	Italy
Brachycoleus decolor Reuter	on plant	Turkey
(Hemiptera Miridae)		
Brachypterolus pulicarius (L.)	feeding	Italy, Turkey
(Coleoptera Nitidulidae)		
Bracon osculator? Nees	on plant	Turkey
(Hymenoptera Braconidae)		
Camponotus lateralis (Olivier)	on plant	Turkey
(Hymenoptera Formicidae)		
Cadiophorus nigerrimus? Erichson	on plant	Turkey
(Coleoptera Elateridae)		
Carpocoris mediterraneus Tamanini	on plant	Turkey
(Hemiptera Pentatomidae)		
Carpocoris pudicus (Poda)	on plant	Turkey
(Hemiptera Pentatomidae)		
Cataglyphis cursor? (Fonscolombe)	on plant	Turkey
(Hymenoptera Formicidae)		
Chrysolina gypsophilae (Küster)	feeding	Bulgaria
(Coleoptera Chrysomelidae)		
Chrysolina variolosa Pethena	on plant	Italy
(Coleoptera Chrysomelidae)		
Chrysoperla carnea? (Stephens)	on plant	Turkey
(Neuroptera Chrysopidae)		
Cicadella hyalina? (F.)	on plant	Turkey
(Homoptera Cicadellidae)		T 1
Clytra laeviuscula? Ratzenburg	on plant	Turkey
(Coleoptera Chrysomelidae)		

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Coccinella quinquepunctata L.	on plant	Yugoslavia
(Coleoptera Coccinellidae)		
Coccinella septempunctata L.	on plant	Turkey
(Coleoptera Coccinelidae)		
Codophila lunulata (Goeze)	on plant	Turkey
(Hemiptera Pentatomidae)		
Colotes sp. (Coleoptera Melyridae)	on plant	Yugoslavia
Coryna scabiosae (Olivier) (Coleoptera Meloidae)	on plant	Turkey
Coryzus hyosciami (L.) (Hemiptera Rhopalidae)	on plant	Turkey
Danacaea? sp. (Coleoptera Melyridae)	on plant	Turkey, Yugoslavia
Dictyla echii (Schrank) (Hemiptera Tingidae)	on plant	Turkey
Dolycoris baccarum (L.)	on plant	Turkey
(Hemiptera Pentatomidae)		
Enoplops disciger (Kolenati)	on plant	Turkey
(Hemiptera Coreidae)		
Entedon sp. (Hymenoptera Eulophidae)	on plant	Turkey
Eteobalea intermediella Riedl	reared	Italy
(Lepidoptera Cosmopterygidae)		
Eteobalea serratella (Treitschke)	on plant	Turkey
(Lepidoptera Cosmopterygidae)		
Eupelmus sp. (Hymenoptera Eupelmidae)	on plant	Yugoslavia
Eurygaster maura (L.)	on plant	Turkey
(Hemiptera Pentatomidae)		
Eurysarcoris inconspicuus (Herrich-Schäffer)	on plant	Italy
(Hemiptera Pentatomidae)		
Eurytoma sp. (Hymenoptera Eurytomidae)	on plant	Turkey
Formica nasuta? Nylander	on plant	Turkey
(Hymenoptera Formicidae)		
Formica sp. (Hymenoptera Formicidae)	on plant	Turkey
Genus sp. (Coleoptera Chrysomelidae)	on plant	Turkey
Genus sp. (Coleoptera Staphylinidae)	on plant	Turkey
Genus sp. (Hemiptera Miridae)	on plant	Turkey
Genus sp. (Homoptera Aphididae)	on plant	Turkey
Genus sp. (Hymenoptera Sphecidae)	on plant	Turkey
Genus sp. (Hymenoptera Vespidae)	on plant	Turkey
Genus sp. (Lepidoptera Sphingidae)	on plant	Turkey
Gymnetron netum (Germar)	on plant	Yugoslavia
(Coleoptera Curculionidae)		
Heliothis sp. (Lepidoptera Noctuidae)	on plant	Turkey

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Hippodamia variegata (Goeze)	on plant	Yugoslavia
(Coleoptera Coccinellidae)		
Leucopis sp. (Diptera Chamaemyiidae)	on plant	Turkey
Lygus pratensis (L.) (Hemiptera Miridae)	on plant	Turkey
Lygus rugulipennis Poppius (Hemiptera Miridae)	on plant	Turkey
Malthinus sp. (Coleoptera Melyridae)	on plant	Italy
Melithaea didyma Esper	reared	Turkey
(Lepidoptera Nymphalidae)		
Mesochorus sp. (Hymenoptera Ichneumonidae)	reared	Italy
Microplitis scrophulariae? Széleny (Hymenoptera Braconidae)	on plant	Turkey
Microplitis variipes? Ruthe	on plant	Yugoslavia
(Hymenoptera Braconidae)		
Mylabris quadripunctata (L.)	on plant	Turkey
(Coleoptera Meloidae)		T. 1
Nemotelus sp. (Diptera Stratiomyidae)	ex stem	Turkey
Omophlus sp. (Coleoptera Alleculidae)	on plant	Italy
Oxythyrea cinctella (Schaum)	on plant	Turkey, Yugoslavia
(Coleoptera Scarabaeidae)		T. 1
Paragus sp. (Diptera Syrphidae)	on plant	Turkey
Phyllotreta sp. (Coleoptera Chrysomelidae)	on plant	Turkey
Phytoecia vittipennis Reiche	on plant	Turkey
(Coleoptera Cerambycidae)		T 1
Plutella maculipennis Curtis	ex plant	Turkey
(Lepidoptera Plutellidae)	1	T 1
Podonta aubei Mulsant (Coleoptera Alleculidae)	on plant	Turkey
Polymerus sp. (Hemiptera Miridae)	on plant	Turkey
Rhinocoris iracundus (Poda)	on plant	Turkey
(Hemiptera Reduviidae)		
Rhopalus sp. (Hemiptera Rhopalidae)	on plant	Turkey
Scymnus sp. 1 (Coleoptera Coccinellidae)	on plant	Turkey
Scymnus sp. 2 (Coleoptera Coccinellidae)	on plant	Yugoslavia
Sphintherus sp. (Hymenoptera Pteromalidae)	on plant	Turkey
Spilostethus equestris (L.)	on plant	Turkey
(Hemiptera Rhopalidae)	om mlous	Tuelcon
Spilostethus saxatilis (Scopoli) (Hemintera Phonalidae)	on plant	Turkey
(Hemiptera Rhopalidae)	on nlant	Turkov
Subcoccinella vigintiquatuorpunctata (L.) (Coleoptera Coccinellidae)	on plant	Turkey
Tapinoma sp. (Hymenoptera Formicidae)	on plant	Turkey

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Telenomus sp. (Hymenoptera Scelionidae) Tettigonia caudata (Charpenter) (Orthoptera Tettigoniidae)	ex flower on plant	Turkey Turkey
Linaria striata DumCours. (Scrophulariaceae) Eteobalea serratella (Treitsckhe) (Lepidoptera Cosmopterygidae)	reared	France
Linaria vulgaris Miller (Scrophulariaceae)		
Attalus sp. (Coleoptera Melyridae)	ex plant	Italy
Brachypterolus pulicarius (L.) (Coleoptera Nitidulidae)	reared	France, Italy
Bracon sp. (Hymenoptera Braconidae)	reared	France
Bruchidius gilvus (Gyllenhal)	on plant	Italy
(Coleoptera Bruchidae)	F	
Bruchidius unicolor? (Olivier)	ex plant	Italy
(Coleoptera Bruchidae)	1	3
Cacoecimorpha pronubana (Hübner)	reared	Italy
(Lepidoptera Tortricidae)		
Chelonus sp. (Hymenoptera Braconidae)	reared	Italy
Chrysolina rossia (Illiger)	reared	Italy
(Coleoptera Chrysomelidae)		
Chrysolina sp. (Coleoptera Chrysomelidae)	feeding	Italy
Cymus grandicolor Hahn	on plant	Italy
(Hemiptera Lygaeidae)	F	<i>j</i>
Dacnusa leptogaster Haliday	reared	France
(Hymenoptera Braconidae)		
Danacaea ? sp. (Coleoptera Melyridae)	ex plant	Italy
Diodalus linariae (Winnertz)	reared	Italy
(Diptera Cecidomyiidae)		
Eteobalea intermediella Riedl	reared	Italy
(Lepidoptera Cosmopterygidae)		1000.)
Eteobalea serratella (Treitschke)	reared	Italy
(Lepidoptera Cosmopterygidae)		200.5
Eupithecia linariata (F.)	reared	Italy
(Lepidoptera Geometridae)		144.7
Genus sp. (Coleoptera Apionidae)	ex plant	Italy
Genus sp. (Hymenoptera Braconidae)	reared	Italy
Gymnetron antirrhini (Paykull)	reared	Italy
(Coleoptera Curculionidae)		J

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Gymnetron linariae (Panzer)	reared	France
(Coleoptera Curculionidae)	reared	Tance
Gymnetron netum (Germar)	reared	Italy
(Coleoptera Curculionidae)	Toured	itury
Gymnoscelis pumilata (Hübner)	reared	Italy
(Lepidoptera Geometridae)		j
Holcostethus strictus (F.)	on plant	Italy
(Hemiptera Pentatomidae)	6 F	<i>j</i>
Mecinus janthinus (Germar)	on plant	Italy
(Coleoptera Curculionidae)	1	3
Oscinella sp. (Diptera Chloropidae)	ex plant	Italy
Phytomyza atricornis Meigen	reared	Italy
(Diptera Agromyzidae)		2
Lythrum salicaria L. (Lythraceae)		
Altica impressicollis Reiche	feeding	Italy
(Coleoptera Chrysomelidae)		
Aphthona lutescens (Gyllenhal)	reared	Austria, Italy
(Coleoptera Chrysomelidae)		
Chrysolina fastuosa (L.)	on plant	Italy
(Coleoptera Chrysomelidae)		
Chrysolina menthastri (Suffrian)	on plant	Italy
(Coleoptera Chrysomelidae)		
Dasineura salicariae (Kieffer)	reared	Austria, Italy,
(Diptera Cecidomyiidae)		Yugoslavia
Galerucella pusilla (Duftschmid)	reared	Austria, Italy,
(Coleoptera Chrysomelidae)		Yugoslavia
Hylobius transversovittatus (Goeze)	on plant	Austria, Italy
(Coleoptera Curculionidae)		
Lixus iridis (Olivier) (Coleoptera Curculionidae)	on plant	Italy
Lythraria salicariae (Paykull)	feeding	Italy
(Coleoptera Chrysomelidae)		
Metacanthus meridionalis (Costa)	on plant	Europe
(Hemiptera Berytidae)		
Nanophyes marmoratus (Goeze)	on plant	Bulgaria, Hungary
(Coleoptera Apionidae)		Italy
Rhagonycha fulva (Scopoli)	on plant	Italy
(Coleoptera Cantharidae)		

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Matricharia inodora L. (Asteraceae)		
Hylemya pullula (Zettersted) (Diptera Anthomyiidae)	on plant	France
Ononis vaginalis Vahl (Papilionaceae)		
Tychius sp. (Coleoptera Curculionidae)	on plant	Egypt
Onopordum acanthium L. (Asteraceae)		
Anthrenus fuscus Olivier	on plant	Italy
(Coleoptera Dermestidae)		
Cantharis sp. (Coleoptera Cantharidae)	on plant	Yugoslavia
Ceratapion carduorum (Kirby)	reared	Italy
(Coleoptera Apionidae)		
Genus sp. (Coleoptera Chrysomelidae)	feeding	Greece, Italy
Hylemya spinosa Rondani	ex stem	Italy
(Diptera Anthomyiidae)		•
Larinus latus (Herbst)	ex seed head	Greece
(Coleoptera Curculionidae)		
Lixus cardui (Olivier)	reared	Greece, Yugoslavia
(Coleoptera Curculionidae)		, ,
Meliboeus amethistinus (Olivier)	feeding	Greece
(Coleoptera Buprestidae)	C	
Sphaeroderma sp. (Coleoptera Chrysomelidae)	on plant	Italy
Tephritis postica (Loewe) (Diptera Tephritidae)	on plant	Yugoslavia
Onopordum illyricum L. (Asteraceae)		
Agapanthia dahli (Richter)	feeding	Greece
(Coleoptera Cerambycidae)	C	
Aspidiotes thalassinus (Schönherr)	feeding	Greece
(Coleoptera Curculionidae)		
Larinus cynarae (F.) (Coleoptera Curculionidae)	on plant	Italy
Larinus latus (Herbst)	ex seed head	Greece, Turkey
(Coleoptera Curculionidae)		
Lixus cardui (Olivier)	reared	Greece, Italy, Turkey
(Coleoptera Curculionidae)	100100	Greece, mary, rankey
Lixus filiformis (F.) (Coleoptera Curculionidae)	reared	Greece
Meliboeus amethistinus (Olivier)	feeding	Greece
(Coleoptera Buprestidae)	10041115	510000
Meliboeus violaceus Kiesenwetter	on plant	Turkey
(Coleoptera Buprestidae)	on plant	Turkey
(Coleoptera Duprestidae)		

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Onopordum sp. (Asteraceae)		
Acanephodus onopordi (Kirby)	ex head	Greece
(Coleoptera Apionidae)		
Amphicoma sp. (Coleoptera Scarabaeidae)	on plant	Turkey
Carpocoris pudicus (Poda)	on plant	Turkey
(Hemiptera Pentatomidae)	·	•
Cassida sp. (Coleoptera Chrysomelidae)	on plant	Italy
Cochylis posterana (Zeller)	reared	Italy
(Lepidoptera Tortricidae)		
Cryptocephalus hypochoeridis (L.)	on plant	Italy
(Coleoptera Chrysomelidae)	Ī	-
Diplapion stolidum (Germar)	ex head	Greece
(Coleoptera Apionidae)		
Dolycoris baccarum (L.)	on plant	Italy
(Hemiptera Pentatomidae)	·	
Eurytoma robusta Mayr	reared	Italy
(Hymenoptera Eurytomidae)		
Genus sp. (Hymenoptera Ormyridae)	reared	Italy
Glaphyrus sp. (Coleoptera Scarabaeidae)	on plant	Turkey
Graphosoma lineatum (L.)	on plant	Italy
(Hemiptera Pentatomidae)		
Hadroplontus trimaculatus (F.)	on plant	Italy
(Coleoptera Curculionidae)		
Hylemya spinosa Rondani	ex stem	Italy
(Diptera Anthomyiidae)		
Larinus cynarae (F.)	on plant	Italy
(Coleoptera Curculionidae)		
Larinus latus (Herbst)	ex seed head	Greece, Turkey,
(Coleoptera Curculionidae)		USSR
Lasioderma sp. (Coleoptera Anobiidae)	ex head	Italy
Lixus angustatus (F.)	on plant	Italy
(Coleoptera Curculionidae)		
Lixus cardui (Olivier)	reared	Italy
(Coleoptera Curculionidae)		
Lixus filiformis (F.) (Coleoptera Curculionidae)	on plant	Italy, Russia
Melanotus tenebrosus (Erichson)	on plant	Italy
(Coleoptera Elateridae)		
Meliboeus amethistinus (Olivier)	on plant	USSR
(Coleoptera Buprestidae)		
Muscina stabularis (Fallén) (Diptera Muscidae)	ex plant	Italy

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Oedemera podagrariae L.	on plant	Italy
(Coleoptera Oedemeridae)	on plant	itary
Orellia lappae (Wiedemann)	reared	Italy
(Diptera Tephritidae)		
Ormyrus punctiger Westwood	reared	Italy
(Hymenoptera Ormyridae)		J
Palomena prasina (L.)	on plant	Italy
(Hemiptera Pentatomidae)	•	•
Phaonia sp. (Diptera Muscidae)	reared	Italy
Pyroderces argyrogrammos (Zeller)	reared	Italy
(Lepidoptera Cosmopterygidae)		
Sphaeroderma sp. (Coleoptera Chrysomelidae)	on plant	Italy
Syromastes marginatus (L.)	on plant	Italy
(Hemiptera Coreidae)		
Tephritis postica (Loewe)	reared	Italy, Russia
(Diptera Tephritidae)		
Trichosirocalus horridus (Panzer)	on plant	Italy
(Coleoptera Curculionidae)		
Urophora terebrans Loewe	reared	Italy
(Diptera Tephritidae)	1 .	T. 1
Vanessa cardui L. (Lepidoptera Nymphalidae)	ex plant	Italy
Onopordum tauricum Willd.,(Asteraceae)		
Acanephodus onopordi (Kirby)	reared	Italy
(Coleoptera Apionidae)		
Cercopis vulnerata (Panzer)	on plant	Italy
(Homoptera Cercopidae)	Г	,
Cleonis pigra (Scopoli)	reared	Italy
(Coleoptera Curculionidae)		,
Crepidodera ferruginea? (Scopoli)	on plant	Italy
(Coleoptera Chrysomelidae)	-	
Crepidodera sp. (Coleoptera Chrysomelidae)	on plant	Italy
Deraeocoris schach (F.) (Hemiptera Miridae)	on plant	Italy
Larinus scolymi (Olivier)	on plant	Italy
(Coleoptera Curculionidae)		
Larinus turbinatus (Gyllenhal	on plant	Italy
(Coleoptera Curculionidae)		
Myelois cribrella (Hübner)	reared	Italy
(Lepidoptera Pyralidae)		

Plant and associated insect	Type of association	Country where collected
Philaenus spumarius (L.)	on plant	Italy
(Homoptera Cercopidae)	•	·
Phytocoris sp. (Hemiptera Miridae)	on plant	Italy
Sitona sp. (Coleoptera Curculionidae)	on plant	Italy
Tephritis postica (Loewe) (Diptera Tephritidae)	reared	Italy
Orobanche sp. (Orobancaceae)		
Genus sp. (Diptera Agromyzidae)	reared	France
Papaver bracteatum L. (Papaveraceae)		
Anechus bipunctatus (F.)	on plant	Iran
(Dermaptera Forficulidae)		
Bruchidius sp. (Coleoptera Bruchidae)	on plant	Iran
<i>Chrysolina</i> ? sp. (Coleoptera Chrysomelidae)	on plant	Iran
Eusomus? sp. (Coleoptera Curculionidae)	on plant	Iran
Genus sp. (Diptera Sphaerocephalidae)	on plant	Iran
<i>Ipimorpha</i> sp. (Lepidoptera Noctuidae)	on plant	Iran
Itoplectis sp. (Hymenoptera Ichneumonidae)	reared	Iran
Longitarsus sp. (Coleoptera Chrysomelidae)	on plant	Iran
Otiorhynchus sp. (Coleoptera Curculionidae)	on plant	Iran
Phanacis sp. (Hymenoptera Cynipidae)	reared	Iran
Pyrrhocoris apterus (L.) (Hemiptera Pyrrocoridae)	on plant	Iran
Papaver dubium L. (Papaveraceae)		
Agapanthia cardui (L.)	on plant	Spain
(Coleoptera Cerambycidae)	1	1
Aphidius sp. (Hymenoptera Aphidiidae)	reared	Spain
Genus sp. (Homoptera Aphididae)	on plant	Spain
Lysiphlebus sp. (Hymenoptera Aphidiidae)	reared	Spain
Neoglocianus maculaalba (Herbst)	on plant	Spain
(Coleoptera Curculionidae)	•	_
Papaver fugax Poir. (Papaveraceae)		
Aylax papaveris (Perris)	reared	Iran
(Hymenoptera Cynipidae)		

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Papaver hybridum L. (Papaveraceae)		T 1
Anoplotettix fuscovenosus (Ferrari)	on plant	Italy
(Homoptera Cicadellidae)		~ .
Aphidius sp. (Hymenoptera Aphidiidae)	reared	Spain
Ethelcus cinnamomeus (Schultze)	reared	Italy
(Coleoptera Curculionidae)		~ .
Neoglocianus maculaalba (Herbst)	on plant	Spain
(Coleoptera Curculionidae)		_
Sirocalodes mixtus (Mulsant & Rey)	on plant	Portugal
Stenocarus ruficornis (Stephens)	on plant	Portugal, Spain
(Coleoptera Curculionidae)		
Papaver orientale L. (Papaveraceae)		
Aphrodes sp. (Homoptera Cicadellidae)	on plant	Iran
Brachypterus urticae (F.)	on plant	Iran
(Coleoptera Nitidulidae)		
Carpocoris fuscispinus Boheman	on plant	Iran
(Hemiptera Pentatomidae)		
Chrysolina? sp. (Coleoptera Chrysomelidae)	on plant	Iran
Chrysolina vishnu? Hope	on plant	Iran
(Coleoptera Chrysomelidae)		
Circulifer sp. (Homoptera Cicadellidae)	on plant	Iran
Diplocolenus sp. (Homoptera Cicadellidae)	on plant	Iran
Genus sp. (Diptera Dolichopodidae)	on plant	Iran
Genus sp. (Diptera Sepsidae)	on plant	Iran
Malachius bipustulatus L.	on plant	Iran
(Coleoptera Melyridae)	-	
Neoglocianus transcaucasicus (Korotyaev)	reared	Iran
(Coleoptera Curculionidae)		
Oncotylus viridiflavus (Goeze)	on plant	Iran
(Hemiptera Miridae)	-	
Otiorhynchus sp. (Coleoptera Curculionidae)	on plant	•Iran
Papaver pseudoorientale (Fedde) Medved. (Papa	veraceae)	
Autographa gamma (L.)	feeding	Iran
(Lepidoptera Noctuidae)	rooding	14 6613
Liriomyza sp. (Diptera Agromyzidae)	on plant	Iran
Di tomyza sp. (Diptera Agromyzidae)	on plant	11 411

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Papaver rhoeas L. (Papaveraceae)		
Agapanthia cardui (L.)	on plant	France, Portugal,
(Coleoptera Cerambycidae)		Spain
Agapanthia sp. (Coleoptera Cerambycidae)	on plant	Spain
Agriotes sp. (Coleoptera Elateridae)	on plant	Spain
Anoxia sp. (Coleoptera Scarabaeidae)	on plant	Spain
Aphidius sp. (Hymenoptera Aphidiidae)	on plant	Spain
Athalia glabricollis Thomson	on plant	Italy
(Hymenoptera Tenthredinidae)		
Athalia rosae (L.)	reared	Italy
(Hymenoptera Tenthredinidae)		
Attagenus sp. (Coleoptera Dermestidae)	on plant	Spain
Autographa gamma (L.)	feeding	Italy
(Lepidoptera Noctuidae)		
Aylax minor? Hartig (Hymenoptera Cynipidae)	reared	Italy
Aylax oraniensis? Barbotin	reared	Italy
(Hymenoptera Cynipidae)		
Aylax papaveris (Perris)	reared	Italy
(Hymenoptera Cynipidae)		
Aylax papaveris? (Perris)	reared	Italy, Morocco
(Hymenoptera Cynipidae)		
Aylax sp. (Hymenoptera Cynipidae)	reared	Italy
Brachyplax palliata (Costa)	on plant	France, Italy
(Hemiptera Lygaeidae)		
Bruchidius seminarius (L.)	on plant	Italy
(Coleoptera Bruchidae)		
Bruchus sp. (Coleoptera Bruchidae)	on plant	Spain
Calocoris norvegicus (Gmelin)	on plant	Italy
(Hemiptera Miridae)		
Cetonia aurata (L.) (Coleoptera Scarabaeidae)	on plant	Italy
Ceutorhynchus assimilis (Paykull)	on plant	France, Spain
(Coleoptera Curculionidae)		
Ceutorhynchus intersetosus Weise	on plant	Spain
(Coleoptera Curculionidae)		
Ceutorhynchus leprieuri C. Brisout	on plant	Spain
(Coleoptera Curculionidae)		
Ceutorhynchus leucorhamma Rosenhauer	on plant	Spain
(Coleoptera Curculionidae)		
Ceutorhynchus pallidactylus (Marsham)	on plant	Italy, Spain
(Coleoptera Curculionidae)		

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

lant and associated insect	Type of association	Country where collected
Ceutorhynchus picitarsis Gyllenhal	on plant	Italy, Spain
(Coleoptera Curculionidae)		
Ceutorhynchus resedae (Marsham)	on plant	Italy
(Coleoptera Curculionidae)		a .
Ceutorhynchus squamulosus (C. Brisout)	on plant	Spain
(Coleoptera Curculionidae)	1 .	G .
Ceutorhynchus tibialis Boheman	on plant	Spain
(Coleoptera Curculionidae)		T. 1
Chrysocharis sp. (Hymenoptera Eulophidae)	reared	Italy
Cyrtogaster vulgaris Walker	reared	Italy
(Hymenoptera Pteromalidae)		~ 4
Dasineura papaveris? Winnertz	reared	Italy
(Diptera Cecidomyiidae)		
Dendrocerus sp. (Hymenoptera Ceraphronidae)	reared	Italy, Spain
Dermestes sp. (Coleoptera Dermestidae)	on plant	Spain
Diaeretiella sp. (Hymenoptera Aphidiidae)	reared	Spain
Diglyphus sp. (Hymenoptera Eulophidae)	reared	Italy
Ethelcus cinnamomeus (Schultze)	on plant	Italy
(Coleoptera Curculionidae)		
Ethelcus denticulatus (Schrank)	on plant	Spain
(Coleoptera Curculionidae)		
Galerucella luteola (O.F. Müller)	on plant	Spain
(Coleoptera Chrysomelidae)		
Genus sp. (Coleoptera Alleculidae)	on plant	Portugal
Genus sp. (Coleoptera Byturidae)	on plant	Spain
Genus sp. (Coleoptera Coccinellidae)	on plant	Spain
Genus sp. (Hemiptera Pyrrocoridae)	on plant	France
Genus sp. (Homoptera Aphididae)	on plant	Spain
Genus sp. (Homoptera Cicadellidae)	on plant	Italy
Glocianus distinctus (C. Brisout)	on plant	Spain
(Coleoptera Curculionidae)		
Holotrichapion pisi (Coleoptera Apionidae)	on plant	Spain
Involvulus sp. (Coleoptera Attelabidae)	on plant	Spain
Larinus sp. (Coleoptera Curculionidae)	on plant	Spain
Leucopis sp. (Diptera Chamaemyiidae)	ex plant	Italy
Lixus filiformis (F.) (Coleoptera Curculionidae)	on plant	Spain
Malachius sp. (Coleoptera Melyridae)	on plant	Italy, Spain
Meligethes sp. (Coleoptera Nitidulidae)	on plant	Spain
Microplontus rugulosus (Herbst)	on plant	Spain
(Coleoptera Curculionidae)	1	ı.

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Neoglocianus albovittatus (Germar)	on plant	Greece
(Coleoptera Curculionidae) Neoglocianus maculaalba (Herbst) (Coleoptera Curculionidae)	reared	Italy, Portugal, Spain
Neophilaenus campestris (Fallén) (Homoptera Cercopidae)	on plant	France
Ormyrus diffinis (Fonscolombe) (Hymenoptera Ormyridae)	reared	Italy
Philaenus spumarius (L.) (Homoptera Cercopidae)	on plant	Spain
Phytomyza horticola Goureau (Diptera Agromyzidae)	reared	Italy, Spain
Psilothrix cyaneus (Olivier) (Coleoptera Melyridae)	on plant	Italy
Psilothrix sp. (Coleoptera Melyridae) Pteromalus papaveris? (Förster) (Hymenoptera Pteromalidae)	on plant reared	Italy, Spain Italy
Sirocalodes depressicollis (Marsham) (Coleoptera Curculionidae)	on plant	Spain
Stenocarus cardui (Herbst) (Coleoptera Curculionidae)	reared	Italy
Stenocarus ruficornis (Stephens) (Coleoptera Curculionidae)	reared	Italy, Spain
Tettigometra hexaspina Kolenati (Homoptera Tettigometridae)	on plant	Yugoslavia
Trichopria sp. (Hymenoptera Diaprididae) Trichosirocalus horridus (Panzer) (Coleoptera Curculionidae)	reared on plant	Spain Spain
Tropinota hirta (Poda) (Coleoptera Scarabaeidae)	feeding	Italy
Tychius sp. (Coleoptera Curculionidae) Xylocopa sp. (Hymenoptera Apidae)	on plant on plant	Spain Italy
Papaver setigerum DC. (Papaveraceae) Agapanthia cardui (L.)	on plant	Portugal
(Coleoptera Cerambycidae) Agapanthia violacea (F.)	on plant	Portugal
(Coleoptera Cerambycidae) Anaspis sp. (Coleoptera Mordellidae)	on plant	Portugal

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Ethelcus denticulatus (Schrank)	on plant	Spain
(Coleoptera Curculionidae)	•	•
Genus sp. (Coleoptera Melyridae)	on plant	Spain
Genus sp. (Homoptera Aphididae)	on plant	Portugal
Philaenus spumarius (L.) (Homoptera Cercopidae)	on plant	Spain
Phytomyza horticola Goureau (Diptera Agromyzidae)	reared	Portugal
Sphaerophoria sp. (Diptera Syrphidae)	on plant	Portugal
Stenocarus ruficornis (Stephens) (Coleoptera Curculionidae)	on plant	Spain
Papaver somniferum L. (Papaveraceae)		
Anthonomus sp. (Coleoptera Curculionidae)	on plant	Italy
Chrysocharis sp. (Hymenoptera Eulophidae)	reared	Italy
Diglyphus sp. (Hymenoptera Eulophidae)	reared	Italy
Ethelcus denticulatus (Schrank) (Coleoptera Curculionidae)	on plant	Yugoslavia
Neoglocianus maculaalba (Herbst) (Coleoptera Curculionidae)	reared	Romania, Yugoslavia
Phanacis papaveris ? (Kieffer) (Hymenoptera Cynipidae)	reared	Italy, Yugoslavia
Phytomyza horticola Goureau (Diptera Agromyzidae)	reared	Portugal
Potosia cuprea (F.) (Coleoptera Scarabaeidae)	on plant	Italy
Stenocarus ruficornis (Stephens) (Coleoptera Curculionidae)	on plant	Yugoslavia
Papaver sp. (Papaveraceae)		
Carpocoris fuscispinus Boheman (Hemiptera Pentatomidae)	on plant	Iran
Cryptocephalus concolor? Suffrian (Coleoptera Chrysomelidae)	on plant	Iran
Gymnetron sp. (Coleoptera Curculionidae)	on plant	Spain
Larinus sp. (Coleoptera Curculionidae)	on plant	Spain
Liorhyssus hyalinus (F.) (Hemiptera Rhopalidae)	on plant	Iran
Mecinus sp. (Coleoptera Curculionidae)	on plant	Spain
Mogulones geographicus (Goeze) (Coleoptera Curculionidae)	on plant	Italy

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Neoglocianus transcaucasicus (Korotyaev) (Coleoptera Curculionidae)	reared	Iran
Notodermus sp. (Coleoptera Curculionidae)	on plant	Pakistan
Sinoxylon sp. (Coleoptera Bostrichidae)	on plant	Spain
Sitona sp. (Coleoptera Curculionidae)	on plant	Portugal
Spermophagus sp. (Coleoptera Bruchidae)	on plant	Spain
Strophomorphus porcellus (Schönherr) (Coleoptera Curculionidae)	on plant	Italy
Strophomorphus sp. (Coleoptera Curculionidae)	on plant	Iran
Tettigometra hexaspina Kolenati (Homoptera Tettigometridae)	on plant	Iran
Picnomon acarna (L.) Cass. (Asteraceae)		
Diplapion stolidum (Germar) (Coleoptera Apionidae)	ex head	Greece
Plantago lanceolata L. (Plantaginaceae)	1 .	T.
Cnephasia incertana (Treitschke) (Lepidoptera Tortricidae)	on plant	France
Gymnetron pascuorum (Gyllenhal) (Coleoptera Curculionidae)	reared	France
Pyrausta cespitalis (Denis & Schiffermüller) (Lepidoptera Pyralidae)	on plant	France
Ptilostemon afer (Jacq.) W. Greuter (Asteraceae) Acanephodus onopordi (Kirby) (Coleoptera Apionidae)	ex head	Greece
Quercus pubescens Willd. (Fagaceae) Bruchus brachialis (F.) (Coleoptera Bruchidae)	on plant	Italy
Rheum rhabarbarum L. (Polygonaceae) Gastroidea viridula (De Geer) (Coleoptera Chrysomelidae)	on plant	Italy
Rumex acetosa L. (Polygonaceae) Chromoderus affinis (O.F. Müller)	on plant	Poland
(Coleoptera Curculionidae) Entedon sp. (Hymenoptera Eulophidae)	reared	Austria

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Gastrophysa polygoni (L.)	on plant	Poland
(Coleoptera Chrysomelidae) Gastrophysa viridula (De Geer) (Coleoptera Chrysomelidae)	feeding	Poland
Hylemya seneciella (Meade) (Diptera Anthomyiidae)	on plant	France
Noctua pronuba L. (Lepidoptera Noctuidae)	reared	Austria
Perapion curtirostre (Germar) (Coleoptera Apionidae)	on plant	Poland
Peritelus sphaeroides Germar (Coleoptera Curculionidae)	on plant	France
Phratora laticollis (Suffrian) (Coleoptera Chrysomelidae)	on plant	Poland
Rumex conglomeratus Murray (Polygonaceae)		
Polydrusus sericeus (Schaller) (Coleoptera Curculionidae)	on plant	Italy
Rumex crispus L. (Polygonaceae)		
Agonum dorsale (Pontoppidan) (Coleoptera Carabidae)	on plant	Italy
Agrocola lychnidis (Denis & Schiffermüller) (Lepidoptera Noctuidae)	reared	Italy
Ametastegia equiseti (Fallén) (Hymenoptera Tenthredinidae)	reared	Italy
Anaspis regimbarti Schilsky (Coleoptera Mordellidae)	on plant	Italy
Anthicus antherinus (L.) (Coleoptera Anthicidae)	on plant	Italy
Anthicus instabilis Schmidt (Coleoptera Anthicidae)	on plant	Italy
Apanteles amensis? Nixon (Hymenoptera Braconidae)	reared	Italy
Apanteles hypantrias Riley (Hymenoptera Braconidae)	reared	Italy
Apatele rumicis (L.) (Lepidoptera Noctuidae)	reared	Italy
Aphodius sp. (Coleoptera Scarabaeidae)	on plant	Italy
Apion haematodes Kirby (Coleoptera Apionidae)	reared	France, Switzerland
Arctia caja (L.) (Lepidoptera Arctiidae)	ex plant	Italy
Autographa gamma (L.) (Lepidoptera Noctuidae)	ex plant	Italy
Axylia putris (L.) (Lepidoptera Noctuidae)	on plant	Italy

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Baris coerulescens (Scopoli)	on plant	Italy
(Coleoptera Curculionidae)	P	
Bithia modesta (Meigen) (Diptera Tachinidae)	reared	Italy
Boarmia rhomboidaria (Denis & Schiffermüller) (Lepidoptera Geometridae)	on plant	Italy
Brachypterus glaber Stephens (Coleoptera Nitidulidae)	on plant	Italy
Bradycellus sp. (Coleoptera Carabidae)	on plant	Italy
Bruchidius meleagrinus (Géné) (Coleoptera Bruchidae)	on plant	Italy
Bruchidius nudus (Allard) (Coleoptera Bruchidae)	on plant	Italy
Bruchidius quinqueguttatus (Olivier) (Coleoptera Bruchidae)	on plant	Italy
Bruchidius sericatus ? (Germar) (Coleoptera Bruchidae)	on plant	Italy
Bruchidius sp. (Coleoptera Bruchidae)	on plant	Italy
Bruchus guttalis Rey (Coleoptera Bruchidae)	on plant	Italy
Bruchus rufipes Herbst (Coleoptera Bruchidae)	on plant	Italy
Cacoecimorpha pronubana (Hübner) (Lepidoptera Tortricidae)	on plant	Italy
Calathus fuscipes? (Olivier) (Coleoptera Carabidae)	on plant	Italy
Calybites phasianipennella (Hübner) (Lepidoptera Tortricidae)	on plant	Italy
Cantharis sp. (Coleoptera Cantharidae)	on plant	Italy
Capnodis tenebricosa (Coleoptera Buprestidae)	reared	Italy
Cardiastethus nazarenus Reuter (Hemiptera Anthocoridae)	on plant	France, Italy
Cassida sp. (Coleoptera Chrysomelidae)	on plant	Italy
Cercopis sanguinolenta (Scopoli) (Homoptera Cercopidae)	on plant	Italy
Chaetocnema tibialis (Illiger) (Coleoptera Chrysomelidae)	on plant	Italy
Chlorocytus laogore (Walker) (Hymenoptera Pteromalidae)	on plant	Italy
Chrysolina banksi (F.) (Coleoptera Chrysomelidae)	on plant	Italy

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Chrysolina haemoptera (L.)	on plant	Italy
(Coleoptera Chrysomelidae)	1	J
Chrysolina rossia (Illiger)	on plant	Italy
(Coleoptera Chrysomelidae)	•	•
Coccinella septempunctata L.	on plant	Italy
(Coleoptera Coccinellidae)	-	
Coreus marginatus (L.) (Hemiptera Coreidae)	on plant	Italy
Craspedochaeta pullula (Zetterstedt) (Diptera Anthomyiidae)	on plant	Italy
Cryptocephalus sp. (Coleoptera Chrysomelidae)	on plant	Italy
Curculio salicivorus Paykull	on plant	Italy
(Coleoptera Curculionidae)		
Cycloderes canescens (Rossi)	on plant	Italy
(Coleoptera Curculionidae)		
Dermestes mustelinus Erichson	on plant	Italy
(Coleoptera Dermestidae)		
Diadegma sp. (Hymenoptera Ichneumonidae)	on plant	Italy
Dichirotrichus? sp. (Coleoptera Carabidae)	on plant	Italy
Donus crinitus (Boheman)	on plant	Italy
(Coleoptera Curculionidae)		
Donus philanthus (Olivier)	reared	Italy
(Coleoptera Curculionidae)		
Donus salviae (Schrank)	on plant	Italy
(Coleoptera Curculionidae)		
Dromius linearis (Olivier)	on plant	Italy
(Coleoptera Carabidae)		
Dromius sp. (Coleoptera Carabidae)	on plant	Italy
Ematurga atomaria (L.)	reared	Italy
(Lepidoptera Geometridae)	4 .	T. 1
Endomia tenuicollis (Rossi)	on plant	Italy
(Coleoptera Anthicidae)	1 .	T. 1
Enicmus transversus (Olivier)	on plant	Italy
(Coleoptera Latridiidae)	1 .	T. 1
Entedon costalis? Dalman	on plant	Italy
(Hymenoptera Eulophidae)	14	Teal
Entedon sp. (Hymenoptera Eulophidae)	ex plant	Italy
Eupithecia centaureata (Denis & Schiffermüller)	reared	Italy
(Lepidoptera Geometridae)		Tealer
Eurydema ventrale Kolenati (Hemiptera Pentatomidae)	on plant	Italy

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Forficula pubescens? Géné	on plant	Italy
(Dermaptera Forficulidae)	•	·
Gastrophysa polygoni (L.) (Coleoptera Chrysomelidae)	feeding	Italy
Genus sp. (Coleoptera Latridiidae)	on plant	Italy
Genus sp. (Diptera Rhagionidae)	on plant	Italy
Genus sp. (Neuroptera Chrysopidae)	on plant	Italy
Geocoris sp. (Hemiptera Lygaeidae)	on plant	Italy
Gonocephalum pusillum (F.) (Coleoptera Tenebrionidae)	on plant	Italy
Gryllus campestris? L. (Orthoptera Gryllidae)	on plant	Italy
Gynandrophthalmus sp. (Coleoptera Carabidae)	on plant	Italy
Halictus sp. (Hymenoptera Halictidae)	on plant	Italy
Hedychrum sp. (Hymenoptera Chrysididae)	on plant	Italy
Herophila tristis (F.) (Coleoptera Cerambycidae)	ex plant	Italy
Hippodamia variegata (Goeze) (Coleoptera Coccinellidae)	on plant	Italy
Hoplodrina ambigua (Denis & Schiffermüller) (Lepidoptera Noctuidae)	reared	Italy
Hydraecia micacea Esper (Lepidoptera Noctuidae)	on plant	Italy
Hyposoter didymator (Thunberg) (Hymenoptera Ichneumonidae)	reared	Italy
Idaea ochrata (Scopoli) (Lepidoptera Geometridae)	on plant	Italy
Idaea seriata (Schrank) (Lepidoptera Geometridae)	on plant	Italy
Isomera cinerascens Rondani (Diptera Tachinidae)	reared	Italy
Lacanobia oleracea (L.) (Lepidoptera Noctuidae)	feeding	Italy
Lachnaea sp. (Coleoptera Chrysomelidae)	on plant	Italy
Lagria hirta (L.) (Coleoptera Lagriidae)	on plant	Italy
Lasiocampa quercus (L.) (Lepidoptera Lasiocampidae)	ex plant	Italy
Leptomona erythrocephala (Olivier) (Coleoptera Chrysomelidae)	on plant	France, Portugal
Limantria dispar (L.) (Lepidoptera Lymantriidae)	ex plant	Italy

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Lixomorphus algirus (L.)	reared	Italy
(Coleoptera Curculionidae) Lixus albomarginatus Boheman (Coleoptera Curculionidae)	on plant	Italy
Lixus anguinus (L.) (Coleoptera Curculionidae)	on plant	Italy
Lixus sanguineus (Rossi) (Coleoptera Curculionidae)	on plant	Italy
Lixus vilis? (Rossi) (Coleoptera Curculionidae)	ex plant	Italy
Lycia hirtaria Clausen (Lepidoptera Geometridae)	on plant	Italy
Macrocentrus sp. (Hymenoptera Braconidae)	reared	Poland
Megischia curvipes (Brullé) (Coleoptera Alleculidae)	on plant	Italy
Meligethes sp. (Coleoptera Nitidulidae)	on plant	Italy
Microgaster curvicrus? Thomson (Hymenoptera Ichneumonidae)	reared	Italy
Microlestes sp. (Coleoptera Carabidae)	on plant	Italy
Mithimna albipuncta (Denis & Schiffermüller) (Lepidoptera Noctuidae)	reared	Italy
Mithimna unipuncta (Hawort) (Lepidoptera Noctuidae)	reared	Italy
Mithimna vitellina (Hübner) (Lepidoptera Noctuidae)	ex plant	Italy
Nepiera collector (Thunberg) (Hymenoptera Ichneumonidae)	reared	Italy
Noctua comes (Hübner) (Lepidoptera Noctuidae)	on plant	Italy
Noctua interjecta (Hübner) (Lepidoptera Noctuidae)	reared	Italy
Noctua pronuba L. (Lepidoptera Noctuidae)	reared	Italy
Norellia spinimana (Fallén) (Diptera Scatophagidae)	reared	Italy, Portugal
Notiophilus quadripunctatus ? (Dejean) (Coleoptera Carabidae)	on plant	Italy
Nysius graminicola (Kolenati) (Hemiptera Lygaeidae)	on plant	Italy
Olibrus affinis (Sturm) (Coleoptera Phalacridae)	on plant	Italy
Olibrus bicolor ? (F.) (Coleoptera Phalacridae)	on plant	Italy

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Olibrus bisignatus? Ménétries	on plant	Italy
(Coleoptera Phalacridae)		
Otiorhynchus armatus Boheman (Coleoptera Curculionidae)	on plant	Italy
Otiorhynchus cribricollis Gyllenhal (Coleoptera Curculionidae)	on plant	Italy
Otiorhynchus ovatus (L.) (Coleoptera Curculionidae)	on plant	Italy
Paederus sp. (Coleoptera Staphylinidae)	on plant	Italy
Pedinus femoralis (L.) (Coleoptera Tenebrionidae)	on plant	Italy
Pegomya bicolor (Wiedemann) (Diptera Anthomyiidae)	reared	Italy
Perapion violaceum (Kirby) (Coleoptera Apionidae)	feeding	Italy
Peridroma saucia (Hübner) (Lepidoptera Noctuidae)	reared	Italy
Peritelus flavipennis Jacquelin Du Val (Coleoptera Curculionidae)	on plant	France
Peritrechus sp. (Hemiptera Lygaeidae)	on plant	Italy
Phlogophora meticulosa (L.) (Lepidoptera Noctuidae)	reared	Italy
Phragmatobia fuliginosa (L.) (Lepidoptera Arctiidae)	ex plant	Italy
Phyllobius sp. (Coleoptera Curculionidae)	on plant	Italy
Pleurophorus caesus (Creutzer) (Coleoptera Scarabaeidae)	on plant	Italy
Psyllobora vigintiduomaculata (L.) (Coleoptera Coccinellidae)	on plant	Italy
Pterophorus pentadactylus (L.) (Lepidoptera Pterophoridae)	on plant	Italy
Pyropteron chrysidiforme (Esper) (Lepidoptera Sesiidae)	reared	Italy
Pyrrhocoris apterus (L.) (Hemiptera Pyrrocoridae)	on plant	Italy
Quedius sp. (Coleoptera Staphylinidae)	on plant	Italy
Rhinoncus pericarpius (L.) (Coleoptera Curculionidae)	reared	Italy
Rhizobius litura (F.) (Coleoptera Coccinellidae)	on plant	Italy

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Rhizotrogus ciliatus Reiche	on plant	Italy
(Coleoptera Scarabaeidae)	-	
Rhytideres plicatus (Olivier)	on plant	Italy
(Coleoptera Curculionidae)		
Rogas sp. (Hymenoptera Braconidae)	reared	Italy
Sacium sp. (Coleoptera Orthoperidae)	on plant	Italy
Scatophila sp. (Diptera Ephydridae)	on plant	Italy
Sciapus pallens (Wiedemann)	on plant	Italy
(Diptera Dolichopodidae)		
Scymnus apetzoides Fürsch	on plant	Italy
(Coleoptera Coccinellidae)	-	
Scymnus frontalis (F.) (Coleoptera Coccinellidae)	on plant	Italy
Scymnus interruptus (Goeze)	on plant	Italy
(Coleoptera Coccinellidae)	•	·
Scymnus levaillanti Mulsant	on plant	Italy
(Coleoptera Coccinellidae)	•	·
Scymnus marginalis (Rossi)	on plant	Italy
(Coleoptera Coccinellidae)	-	•
Scymnus nigrinus Kugelann	on plant	Italy
(Coleoptera Coccinellidae)	•	
Scymnus rubromaculatus (Goeze)	on plant	Italy
(Coleoptera Coccinellidae)	•	•
Silpha obscura L. (Coleoptera Silphidae)	on plant	Italy
Simplocaria semistriata (F.)	on plant	Italy
(Coleoptera Byrrhidae)	•	•
Sitona intermedius Küster	on plant	Italy
(Coleoptera Curculionidae)	•	•
Sitona lineatus (L.) (Coleoptera Curculionidae)	on plant	Italy
Sitona ophthalmicus (Rossi)	on plant	Italy
(Coleoptera Curculionidae)	•	•
Sitona puberulus Reitter	on plant	Italy
(Coleoptera Curculionidae)	•	•
Sitona puncticollis Stephens	on plant	Italy
(Coleoptera Curculionidae)	•	·
Smaragdina xanthaspis (Germar)	on plant	Italy
(Coleoptera Curculionidae)	•	•
Spermophagus sericeus (Fourcroy)	on plant	Italy
(Coleoptera Bruchidae)	•	•
Stenosis angustata (Herbst)	on plant	Italy
(Coleoptera Tenebrionidae)	•	

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Subcoccinella viginctiquatuorpunctata (L.)	on plant	Italy
(Coleoptera Coccinellidae)		
Sympiesis gregori Boúcek	reared	Italy
(Hymenoptera Eulophidae)	1	T. 1
Systasis parvula Thomson	on plant	Italy
(Hymenoptera Pteromalidae)	1. 4	T4.1
Tachyporus hypnorum (F.)	on plant	Italy
(Coleoptera Staphylinidae)	14	T4.a1
Thalpohila matura (Hufnagel) (Lepidoptera Noctuidae)	on plant	Italy
Timarcha sp. (Coleoptera Chrysomelidae)	on plant	Italy
Triarthria setipennis (Fallén)	on plant	Italy Italy
(Diptera Tachinidae)	on plant	Italy
Tribliographa sp. (Hymenoptera Eulophidae)	reared	Italy
Trigonidium cicindeloides Rambur	on plant	Italy
(Orthoptera Gryllidae)	on plant	itury
Trigonidium sp. (Orthoptera Gryllidae)	on plant	Italy
Tytthaspis sedecimpunctata (L.)	on plant	Italy
(Coleoptera Coccinellidae)	on plant	Tuny
Udea ferrugalis (Hübner)	reared	Italy
(Lepidoptera Pyralidae)		
Xestia xanthographa (Denis & Schiffermüller)	ex plant	Italy
(Lepidoptera Noctuidae)	1	,
Rumex obtusifolius L. (Polygonaceae)		
Acheta domestica? (L.) (Orthoptera Gryllidae)	on plant	Italy
Altica oleracea (L.)	on plant	Italy
(Coleoptera Chrysomelidae)	-	
Anaceratagallia sp. (Homoptera Cicadellidae)	on plant	Italy
Anthicus antherinus (L.)	on plant	Italy
(Coleoptera Anthicidae)		
Apion haematodes Kirby	reared	France, Switzerland
(Coleoptera Apionidae)		
Bembidion properans (Stephens) (Coleoptera Carabidae)	on plant	Switzerland
Bradycellus sp. (Coleoptera Carabidae)	on plant	Italy
Cardiastethus nazarenus Reuter	on plant	France
(Hemiptera Anthocoridae)	•	
Centeterus sp. (Hymenoptera Ichneumonidae)	on plant	Italy
Coreus marginatus (L.) (Hemiptera Coreidae)	on plant	Italy

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

lant and associated insect	Type of association	Country where collected
Cryptocephalus sp. (Coleoptera Chrysomelidae)	on plant	Italy
Dipterygia scabriuscula (L.) (Lepidoptera Noctuidae)	ex plant	Italy
Donus crinitus (Boheman) (Coleoptera Curculionidae)	on plant	Italy
Eurytoma flavimana Boheman (Hymenoptera Eurytomidae)	on plant	France
Eurytoma sp. (Hymenoptera Eurytomidae)	on plant	France
Exorista larvarum (L.) (Diptera Tachinidae)	reared	Italy
Formicomus pedestris (Rossi) (Coleoptera Anthomyiidae)	on plant	Italy
Gastrophysa viridula (De Geer) (Coleoptera Chrysomelidae)	on plant	Switzerland
Geocoris sp. (Hemiptera Lygaeidae)	on plant	Italy
Heterischus sp. (Hymenoptera Ichneumonidae)	on plant	Italy
Hippodamia variegata (Goeze) (Coleoptera Coccinellidae)	on plant	Italy
Lixus sp. (Coleoptera Curculionidae)	on plant	Italy
Microlestes sp. (Coleoptera Carabidae)	on plant	Italy
Mythimna unipuncta (Hawort) (Lepidoptera Noctuidae)	reared	Italy
Nysius graminicola (Kolenati) (Hemiptera Lygaeidae)	on plant	Italy
Ochropleura plecta (L.) (Lepidoptera Noctuidae)	ex plant	Italy
Olibrus affinis (Sturm) (Coleoptera Phalacridae)	on plant	Italy
Perithecus sp. (Hemiptera Lygaeidae)	on plant	Italy
Phlogophora meticulasa (L.) (Lepidoptera Noctuidae)	reared	Italy
Phragmatobia fuliginosa (L.) (Lepidoptera Arctiidae)	ex plant	Italy
Polydrusus tibialis Boheman (Coleoptera Curculionidae)	on plant	Italy
Protapion nigritarse (Kirby) (Coleoptera Apionidae)	on plant	Italy
Pyropteron chrysidiforme (Esper) (Lepidoptera Sesiidae)	reared	Italy
Pyrrhocoris apterus (L.) (Hemiptera Pyrrocoridae)	on plant	Italy

Plant and associated insect	Type of association	Country where collected
Reichenbachia sp. (Coleoptera Pselaphidae)	on plant	Italy
Rhinoncus pericarpius (L.)	reared	Italy, Switzerland
(Coleoptera Curculionidae)		, , , , , , , , , , , , , , , , , , ,
Rhizobius litura (F.)	on plant	Italy
(Coleoptera Coccinellidae)	•	•
Scymnus frontalis (F.)	on plant	Italy
(Coleoptera Coccinellidae)	-	
Stenus sp. (Coleoptera Staphylinidae)	on plant	Italy
Tychius cuprifer (Panzer)	on plant	Italy
(Coleoptera Curculionidae)		
Udea ferrugalis (Hübner)	reared	Italy
(Lepidoptera Pyralidae)		
Rumex pulcher L. (Polygonaceae)		
Mantura rustica (L.) (Coleoptera Chrysomelidae)	on plant	France
Rumex sp. (Polygonaceae)		
Adalia bipunctata (L.)	on plant	Italy
(Coleoptera Coccinellidae)		
Agriotes sp. (Coleoptera Elateridae)	on plant	Italy
Amara sp. (Coleoptera Carabidae)	on plant	Italy
Anaceratagallia sp. (Homoptera Cicadellidae)	on plant	Italy
Andrena sp. (Hymenoptera Andrenidae)	on plant	Italy
Anthicus instabilis Schmidt	on plant	Italy
(Coleoptera Anthicidae)		
Aoploscelis bivirgatus (Costa)	on plant	Italy
(Hemiptera Lygaeidae)		
Apanteles sp. (Hymenoptera Braconidae)	reared	Italy
Aphrodes bicinctus (Schrank)	on plant	Italy
(Homoptera Cicadellidae)		
Aphrodes sp. (Homoptera Cicadellidae)	on plant	Italy
Ascalaphus libelluloides (L.)	on plant	Italy
(Neuroptera Ascalaphidae)		
Bathysolen nubilus Fallén (Hemiptera Coreidae)	on plant	Italy
Bembidion sp. (Coleoptera Carabidae)	on plant	Italy
Beosus maritimus (Scopoli)	on plant	Italy
(Hemiptera Lygaeidae)		
Bithia modesta (Meigen) (Diptera Tachinidae)	reared	Italy
Bradycellus sp. (Coleoptera Carabidae)	on plant	Italy
Cercyon sp. (Coleoptera Hydrophilidae)	on plant	Italy

Plant and associated insect	Type of association	Country where collected
Cicadella viridis (L.) (Homoptera Cicadellidae)	on plant	Italy
Coccinella undecimpunctata L.	on plant	Italy
(Coleoptera Coccinellidae)	on plant	y
Corticaria sp. (Coleoptera Latridiidae)	on plant	Italy
Cryptocephalus connexus Olivier	on plant	Italy
(Coleoptera Chrysomelidae)	r	5
Demetrias sp. (Coleoptera Carabidae)	on plant	Italy
Donus philanthus (Olivier)	on plant	Italy
(Coleoptera Curculionidae)	r	y
Drasterius bimaculatus (Rossi)	on plant	Italy
(Coleoptera Elateridae)	F	
Dromius sp. (Coleoptera Carabidae)	on plant	Italy
Drypta dentata (Rossi) (Coleoptera Carabidae)	on plant	Italy
Emblethis sp. (Hemiptera Lygaeidae)	on plant	Italy
Entedon sp. (Hymenoptera Eulophidae)	reared	Italy
Eurydema oleraceum (L.)	on plant	Italy
(Hemiptera Pentatomidae)	· F	
Exochus ? sp. (Hymenoptera Ichneumonidae)	reared	Italy
Gamrus sp. (Hymenoptera Ichneumonidae)	reared	Italy
Gastrophysa viridula (DeGeer)	feeding	Germany, Poland
(Coleoptera Chrysomelidae)	222	<u> </u>
Gelis sp. (Hymenoptera Ichneumonidae)	on plant	Italy
Genus sp. (Coleoptera Staphylinidae)	on plant	Italy
Genus sp. (Diptera Dolichopodidae)	on plant	Italy
Genus sp. (Hemiptera Lygaeidae)	on plant	Italy
Genus sp. (Homoptera Cicadellidae)	on plant	Italy
Geocoris megacephalus (Rossi)	on plant	Italy
(Hemiptera Lygaeidae)	P	
Geotomus punctulatus (Costa)	on plant	Italy
(Hemiptera Cydnidae)	от р татт	1141.)
Hexarthrum culinaris (Germar)	on plant	Italy
(Coleoptera Curculionidae)	р-ш-	
Hypocassida subferruginea (Schrank)	on plant	Italy
(Coleoptera Chrysomelidae)	on pram	- tury
Labidostomis sp. (Coleoptera Chrysomelidae)	on plant	Italy
Longitarsus tabidus (F.)	on plant	Italy
(Coleoptera Chrysomelidae)	F	<i>J</i>
Lysibia nana (Gravenhorst)	on plant	Italy
(Hymenoptera Ichneumonidae)	P	 j
Meromyza sp. (Diptera Chloropidae)	on plant	Italy

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Micrelytra fossularum (Rossi)	on plant	Italy
(Hemiptera Alydiidae)	1	J
Microlestes sp. (Coleoptera Carabidae)	on plant	Italy
Micromus angulatus (Stephens)	on plant	Italy
(Neuroptera Hemerobiidae)	·	•
Nephrotoma crocata (L.) (Diptera Tipulidae)	on plant	Italy
Nephus sp. (Coleoptera Coccinellidae)	on plant	Italy
Noctua interjecta Hübner	reared	Italy
(Lepidoptera Noctuidae)		
Norellia spinimana (Fallén)	reared	France, Italy
(Diptera Scatophagidae)		
Oleuthreutes lacunana (Denis & Schiffermüller)	reared	Italy
(Lepidoptera Tortricidae)		
Olibrus sp. (Coleoptera Phalacridae)	on plant	France, Italy
Orius minutus (L.) (Hemiptera Anthocoridae)	on plant	Italy
Otiorhynchus dalmatinus Stierlin	on plant	Italy
(Coleoptera Curculionidae)		
Perapion violaceum (Kirby)	feeding	Italy
(Coleoptera Apionidae)		
Phaenoglyphis sp. (Hymenoptera Alloxynidae)	on plant	France
Pherbellia cinerella (Fallén)	on plant	Italy
(Diptera Sciomyzidae)		
Philonthus concinnus (Gravenhorst)	on plant	Italy
(Coleoptera Staphylinidae)		
Phratora sp. (Coleoptera Chrysomelidae)	on plant	Italy
Piocoris erythrocephala (Le Peletier & Serville)	on plant	Italy
(Hemiptera Lygaeidae)		
Plinthisus brevipennis (Latreille)	on plant	Italy
(Hemiptera Lygaeidae)		
Podagrica sp. (Coleoptera Chrysomelidae)	on plant	Italy
Psylliodes sp. (Coleoptera Chrysomelidae)	on plant	Italy
Pterostichus sp. (Coleoptera Carabidae)	on plant	Italy
Pyropteron chrysidiforme (Esper)	reared	Italy
(Lepidoptera Sesiidae)		
Rhinoncus pericarpius (L.)	feeding	Austria, France,
(Coleoptera Curculionidae)		Poland
Rhiparochromus sp. (Hemiptera Lygaeidae)	on plant	Italy
Rhodometra sacraria (L.)	feeding	Italy
(Lepidoptera Geometridae)		
Rogas sp. (Hymenoptera Braconidae)	reared	Italy

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Sciapus pallens (Wiedemann)	on plant	Italy
(Diptera Dolichopoidae)		
Scolopestethus decoratus (Hahn)	on plant	Italy
(Hemiptera Lygaeidae)		
Scopula imitaria (Hübner)	reared	Italy
(Lepidoptera Geometridae)		
Scymnus sp. (Coleoptera Coccinellidae)	on plant	Italy
Sitona macularius (Marsham)	on plant	Italy
(Coleoptera Curculionidae)		
Stygnocoris fuligineus (Fourcroy)	on plant	Italy
(Hemiptera Lygaeidae)		
Systasis parvula Thomson	on plant	France, Poland
(Hymenoptera Pteromalidae)		
Tachyporus hypnorum (F.)	on plant	Italy
(Coleoptera Staphylinuidae)		
Timarcha tenebricosa (F.)	feeding	Switzerland
(Coleoptera Chrysomelidae)		
Trechus sp. (Coleoptera Carabidae)	on plant	Italy
Trichocellus sp. (Coleoptera Carabidae)	on plant	Italy
Salix sp. (Salicaceae)		
Chlorophanus viridis (L.)	on plant	Italy
(Coleoptera Curculionidae)	•	-
Salsola australis R. Br. (Chenopodiaceae)		
Anthypurinus haloxylicola Korotyaev	feeding	Uzbekistan
(Coleoptera Curculionidae)	J	
Lixus salsolae Becker (Coleoptera Curculionidae)	feeding	Uzbekistan
Salsola kali L. (Chenopodiaceae)		
Cacoecimorpha pronubana (Hübner)	on plant	Turkey
(Lepidoptera Tortricidae)	1	,
Chaetocnema tibialis (Illiger)	on plant	Turkey
(Coleoptera Chrysomelidae)	1	J
Coleophora parthenica Meyrick	reared	Egypt
(Lepidoptera Coleophoridae)	-	<i>UJ</i> 1
Coleophora sp. (Lepidoptera Coleophoridae)	on plant	Turkey
Gymnancyla canella (Hübner)	reared	Italy
(Lepidoptera Pyralidae)		

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Lixus salsolae Becker	on plant	Turkey
(Coleoptera Curculionidae)	•	Ž
Otiorhynchus juvencus Gyllenhal	on plant	France
(Coleoptera Curculionidae)	•	
Piesma salsolae (Becker) (Hemiptera Tingidae)	on plant	France, Turkey
Salsola sp. (Chenopodiaceae)		
Altica sp. (Coleoptera Chrysomelidae)	on plant	Italy
Conorrhynchus kindermanni Faust	on plant	Turkey
(Coleoptera Curculionidae)	1	,
Cryptocephalus populi? Suffrian	feeding	Italy
(Coleoptera Chrysomelidae)	C	·
Cryptophagus sp. (Coleoptera Cryptophagidae)	on plant	Italy
Genus sp. (Coleoptera Chrysomelidae)	on plant	Russia
Genus sp. (Coleoptera Ptiliidae)	on plant	Italy
Genus sp. (Diptera Syrphidae)	on plant	Italy
Genus sp. (Hemiptera Braconidae)	on plant	Italy
Geocoris siculus (Fieber) (Hemiptera Lygaeidae)	on plant	Italy
Lagria hirta (L.) (Coleoptera Lagriidae)	on plant	Italy
Lixus salsolae Becker (Coleoptera Curculionidae)	on plant	Turkey
Olibrus sp. (Coleoptera Phalacridae)	on plant	Italy
Psylliodes marcida (Illiger)	on plant	Italy
(Coleoptera Chrysomelidae)		
Temnorrhinus verecundus (Faust) (Coleoptera Curculionidae)	on plant	Turkey
Salvia aethiopis L. (Lamiaceae)		
Gymnetron tetrum (F.) (Coleoptera Curculionidae)	on plant	Yugoslavia
Meligethes incanus Sturm	on plant	Turkey, Yugoslavia
(Coleoptera Nitidulidae)		
Meligethes pedicularius (Gyllenhal)	on plant	Yugoslavia
(Coleoptera Nitidulidae)		
Phrydiuchus tau Warner	on plant	Yugoslavia
(Coleoptera Curculionidae)		
Stagmatophora pomposella (L.)	on plant	Yugoslavia
(Lepidoptera Coleophoridae)		
Salvia argentea L. (Lamiaceae)		
Phrydiuchus spilmani Warner	on plant	Italy
(Coleoptera Curculionidae)		

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Salvia limbata C.A. Meyer (Lamiaceae) Heliothis peltigera (Denis & Schiffermüller) (Lepidoptera Noctuidae)	reared	Iran
Salvia palaestina Benth. (Lamiaceae) Vanessa cardui L. (Lepidoptera Nymphalidae)	on plant	Turkey
Salvia sp. (Lamiaceae)		
Cassida sp. (Coleoptera Chrysomelidae) Chrysolina sahlbergi (Ménétries) (Coleoptera Chrysomelidae)	on plant on plant	Turkey Turkey
Salvia verbenaca L. (Lamiaceae)		
Autographa gamma (L.)	feeding	Italy
(Lepidoptera Noctuidae) Chrysolina grossa (F.) (Coleoptera Chrysomelidae)	on plant	Italy
Donus crinitus (Boheman) (Coleoptera Curculionidae)	on plant	Italy
Hypera zoilus (Scopoli) (Coleoptera Curculionidae)	on plant	Italy
Phrydiuchus spilmani Warner (Coleoptera Curculionidae)	reared	Italy
Phytoecia pustulata (Schrank) (Coleoptera Cerambycidae)	on plant	Italy
Phytometra sp. (Lepidoptera Noctuidae)	reared	Italy
Sitona sp. (Coleoptera Curculionidae)	on plant	Italy
Stephanocleonus nigrosuturatus (Goeze) (Coleoptera Curculionidae)	on plant	Italy
Udea ferrugalis (Hübner) (Lepidoptera Noctuidae)	feeding	Italy
Salvia virgata Jacq. (Lamiaceae)		
Sphragisticus nebulosus (Fallén)	on plant	Italy
(Hemiptera Lygaeidae)		
Saussurea sp. (Asteraceae)		
Larinus capiomonti Faust	on plant	Uzbekistan
(Coleoptera Curculionidae)		

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Scabiosa maritima L. (Dipsacaceae)		
Larinus ursus (F.) (Coleoptera Curculionidae)	on plant	Italy
Scrophularia canina L. (Scrophulariaceae)		
Ancyrosoma leucogrammes (Gmelin) (Hemiptera Pentatomidae)	on plant	Italy
Berytimus sp. (Hemiptera Berytidae)	on plant	Italy
Coreus marginatus (F.) (Hemiptera Coreidae)	on plant	Italy
Dolycoris sp. (Hemiptera Pentatomidae)	on plant	Italy
Heterogaster urticae (F.) (Hemiptera Lygaeidae)	on plant	Italy
Phymata crassipes ? (F.) (Hemiptera Phymatidae)	on plant	Italy
Spermophagus sericeus (Fourcroy) (Coleoptera Bruchidae)	on plant	Italy
Strobilotoma typhaecorne (F.)	on plant	Italy
(Hemiptera Cimicidae)	·	•
Senecio aethnensis Jan. (Asteraceae)		
Peridroma saucia (Hübner)	reared	Italy
(Lepidoptera Noctuidae)		
Senecio cineraria D.C. (Asteraceae)		
Peridroma saucia (Hübner)	reared	Italy
(Lepidoptera Noctuidae)		
Senecio doria L. (Asteraceae)		
Phytomyza atricornis Meigen	reared	Italy
(Diptera Agromyzidae)		
Senecio erraticus Bertol. (Asteraceae)		
Agapanthia dahli (Richter)	ex stem	Italy
(Coleoptera Cerambycidae)	2 "	Y. 1
Alophus nictitans singularis Jacquelin Du Val (Coleoptera Curculionidae)	feeding	Italy
Bracon sp. (Hymenoptera Braconidae)	reared	Italy
Chaetocnema conducta? Motschulsky (Coleoptera Chrysomelidae)	on plant	Italy
Chlorissa sp. (Lepidoptera Geometridae)	reared	Italy
Cochylis atricapitana? Stephens	reared	Italy
(Lepidoptera Tortricidae)		

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Eupithecia centaureata (Denis & Schiffermüller)	reared	France, Italy
(Lepidoptera Geometridae)		
Galerucella lineola? (F.)	ex plant	Italy
(Coleoptera Chrysomelidae)		
Gastrophysa polygoni (L.)	on plant	Italy
(Coleoptera Chrysomelidae)		
Gelis sp. (Hymenoptera Ichneumonidae)	reared	Italy
Genus sp. (Diptera Agromyzidae)	reared	Italy
Homoeosoma cretacella Rössner	reared	Italy
(Lepidoptera Pyralidae)		-
Liriomyza strigata (Meigen)	reared	Italy
(Diptera Agromyzidae)		
Lixus punctiventris Boheman	reared	Italy
(Coleoptera Curculionidae)		
Longitarsus dorsalis (F.)	feeding	Italy
(Coleoptera Chrysomelidae)	_	
Longitarsus ganglbaueri Heikertinger	feeding	Italy
(Coleoptera Chrysomelidae)		•
Longitarsus ganglbaueri? Heikertinger	on plant	Italy
(Coleoptera Chrysomelidae)	-	
Longitarsus jacobaeae? Waterhouse	on plant	Italy
(Coleoptera Chrysomelidae)	•	•
Longitarsus tabidus ? (F.)	reared	Italy
(Coleoptera Chrysomelidae)		•
Melanagromyza dettmeri Hering	reared	Italy
(Diptera Agromyzidae)		•
Melanagromyza trifolii? Spencer	reared	Italy
(Diptera Agromyzidae)		-
Otiorhynchus rugosostriatus (Goeze)	on plant	Italy
(Coleoptera Curculionidae)	1	3
Oulema melanopus (L.)	on plant	Italy
(Coleoptera Chrysomelidae)	1	3
Peridroma saucia (Hübner)	reared	Italy
(Lepidoptera Noctuidae)		,
Phalonia atricapitana? Stephens	reared	Italy
(Lepidoptera Tortricidae)		J
Philaenus spumarius (L.)	ex plant	Italy
(Homoptera Cercopidae)	1	J
Phycitodes carlinella (Heinemann)	reared	Italy
(Lepidoptera Pyralidae)		j

Plant and associated insect	Type of association	Country where collected
Phytodietus sp.	reared	Italy
(Hymenoptera Ichneumonidae)		,
Sitona puncticollis Stephens	on plant	Italy
(Coleoptera Curculionidae)		
Sphenella marginata (Fallén)	reared	Italy
(Diptera Tephritidae)		
Senecio erucifolius L. (Asteraceae)		
Cacoecimorpha pronubana (Hübner)	reared	Italy
(Lepidoptera Tortricidae)	A GULA G W	
· · · · ·		
Senecio jacobaea L. (Asteraceae)		
Apanteles sp. (Hymenoptera Braconidae)	reared	Switzerland
Bracon sp. (Hymenoptera Braconidae)	reared	France
Bufolucilia silvarum (Meigen)	reared	France
(Diptera Calliphoridae)	1	C
Cochylis atricapitana? (Stephens)	reared	Germany
(Lepidoptera Tortricidae)		Enomas
Diglyphosema sp. (Hymenoptera Eulophidae)	reared	France
Ematurga atomaria (L.) (Lepidoptera Geometridae)	reared	France
Eucosma campoliliana (Denis & Schiffermüller)	reared	France
(Lepidoptera Tortricidae)	reared	Tanoc
Eumerus sp. (Diptera Syrphidae)	feeding	France
Eupithecia absinthiata (Clerck)	reared	France
(Lepidoptera Geometridae)	100100	1.00.00
Eutrias sp. (Hymenoptera Eucoilidae)	reared	France
Exartema sp. (Lepidoptera Tortricidae)	reared	France
Fannia sp. (Diptera Muscidae)	on plant	France
Genus sp. (Diptera Rhagionidae)	on plant	France
Homoeosoma mucidella Ragonot	reared	Switzerland
(Lepidoptera Pyralidae)		
Hylemya brassicae (Wiedemann)	on plant	France
(Diptera Anthomyiidae)		
Hylemya cinerella (Fallén)	on plant	France
(Diptera Anthomyiidae)		
Hylemya coarctata (Fallén)	on plant	France
(Diptera Anthomyiidae)		T.
Hylemya platura (Meigen)	on plant	France
(Diptera Anthomyiidae)		

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Hylemya pullula (Zettersted)	on plant	France
(Diptera Anthomyiidae)		
Hylemya radicum (L.)	on plant	France
(Diptera Anthomyiidae)		
Hylemya seneciella (Meade)	reared	France
(Diptera Anthomyiidae)		
Lasioderma baudii Schilsky	reared	Germany
(Coleoptera Anobiidae)		
Liriomyza latigenis (Hendel)	reared	France
(Diptera Agromyzidae)		
Lixus punctiventris Boheman	reared	Germany, Switzerland
(Coleoptera Curculionidae)		
Longitarsus ganglbaueri Heokertinger	feeding	Switzerland
(Coleoptera Chrysomelidae)		
Longitarsus jacobaeae? Waterhouse	feeding	Switzerland
(Coleoptera Chrysomelidae)		
Longitarsus sp. (Coleoptera Chrysomelidae)	on plant	France, Switzerland
Melanagromyza aeneiventris (Fallén)	reared	France
(Diptera Agromyzidae)		
Melanagromyza eupatorii Spencer	reared	Switzerland
(Diptera Agromyzidae)		
Melanagromyza trifolii? Spencer	reared	Germany
(Diptera Agromyzidae)		
Olibrus corticalis (Panzer)	reared	France
(Coleoptera Phalacridae)		
Ophioniya senecionina Hering	reared	France
(Diptera Agromyzidae)		
Opius sp. (Hymenoptera Braconidae)	reared	Switzerland
Orgilus sp. (Hymenoptera Braconidae)	reared	Germany
Oulema melanopus (L.)	on plant	Switzerland
(Coleoptera Chrysomelidae)	•	
Oxyna nebulosa (Wiedemann)	reared	Switzerland
(Diptera Tephritidae)		
Pantomorus cervinus Boheman	on plant	Italy
(Coleoptera Curculionidae)	•	-
Paroxyna tessellata? (Loew)	reared	France
(Diptera Tephritidae)		
Phycitodes albatella? (Ragonot)	reared	France
(Lepidoptera Pyralidae)		

Plant and associated insect	Type of association	Country where collected
Phytomyza atricornis Meigen (Diptera Agromyzidae)	reared	France
Platyptilia sp. (Lepidoptera Pterophoridae)	on plant	Italy
Psilus sp. (Hymenoptera Diaprididae)	reared	France
Scambus sp. (Hymenoptera Ichneumonidae)	reared	Switzerland
Sermylassa halensis (L.)	ex plant	France
(Coleoptera Chrysomelidae)	on plant	1141100
Sitona lineatus (L.) (Coleoptera Curculionidae)	on plant	France
Sphaerophoria rueppelli Wiedemann	on plant	Italy
(Diptera Agromyzidae)	on plant	italy
Sphenella marginata (Fallén)	reared	France, Italy
	reareu	France, Italy
(Diptera Tephritidae)		C
Temelucha sp. (Hymenoptera Ichneumonidae)	reared	Germany
Thyria jacobaeae (L.) (Lepidoptera Arctiidae)	on plant	France
Trupanea stellata (Füssly) (Diptera Tephritidae)	reared	France, Germany, Italy
Senecio nemorensis L. (Asteraceae)		
Cacoecimorpha pronubana (Hübner) (Lepidoptera Tortricidae)	reared	Italy
Senecio sp. (Asteraceae)		
Sarcophaga sp. (Diptera Sarcophagidae)	on plant	France
Sarcophaga sp. (Dipicia Sarcophagicae)	on plant	Transc
Senecio vulgaris L. (Asteraceae)		
Phytomyza atricornis Meigen	reared	Italy
(Diptera Agromyzidae)		
Silybum marianum (L.) Gaertner (Asteraceae)		
Acanephodus onopordi (Kirby)	on plant	Italy
(Coleoptera Apionidae)	on plant	itury
Bruchidius sp. (Coleoptera Bruchidae)	on plant	Italy
	on plant	Italy
Carpocoris mediterraneus Tamanini	on piant	italy
(Hemiptera Pentatomidae)	fooding	Italy
Cassida deflorata? Suffrian	feeding	Italy
(Coleoptera Chrysomelidae)	1	Itala.
Cassida vibex? L. (Coleoptera Chrysomelidae)	reared	Italy
Ceratapion gibbirostre (Gyllenhal) (Coleoptera Apionidae)	ex head	Greece

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Ceratapion scalptum (Mulsant & Rey)	reared	Italy
(Coleoptera Apionidae)	on plant	Italy
Cercopia sp. (Homoptera Cercopidae)	on plant	Italy
Cnephasia sp. (Lepidoptera Tortricidae)	reared	Italy
Gastrophysa polygoni (L.) (Coleoptera Chrysomelidae)	on plant	Italy
Genus sp. (Hemiptera Coreidae)	on plant	Italy
Hadroplontus trimaculatus (F.) (Coleoptera Curculionidae)	on plant	Italy
Larinus cynarae (F.) (Coleoptera Curculionidae)	reared	Italy
Larinus sturnus (Schaller) (Coleoptera Curculionidae)	on plant	Greece, Italy
Lasioderma sp. (Coleoptera Anobiidae)	on plant	Italy
Lixus angustatus (F.)	on plant	Italy
(Coleoptera Curculionidae)	on plant	1001
Lixus filiformis (F.) (Coleoptera Curculionidae)	on plant	Italy
Pyroderces argyrogrammos (Zeller) (Lepidoptera Cosmopterygidae)	reared	Italy
Rhinocyllus conicus (Frölich) (Coleoptera Curculionidae)	reared	Greece, Italy
Timarcha sp. (Coleoptera Chrysomelidae)	on plant	Italy
Vanessa cardui L. (Lepidoptera Nymphalidae)	feeding	Turkey
Spartium junceum L. (Papilionaceae)		
Apopestes spectrum (Esper) (Lepidoptera Noctuidae)	reared	Greece
Bracon piger Westwood (Hymenoptera Braconidae)	reared	Italy
Diglyphus sp. (Hymenoptera Eulophidae)	reared	Greece
Exapion fuscirostre (F.) (Coleoptera Apionidae)	reared	Italy
Tamarix africana Poiret (Tamaricaceae)		
Coniatus repandus (F.) (Coleoptera Curculionidae)	on plant	France
Coniatus tamarisci (F.) (Coleoptera Curculionidae)	on plant	France
Corimalia pallida (Olivier) (Coleoptera Apionidae)	on plant	France

Plant and associated insect	Type of association	Country where collected
Corimalia tamarisci (Gyllenhal) (Coleoptera Apionidae)	on plant	France
Tamarix gallica L. (Tamaricaceae)		E
Agdistis tamaricis (Zeller) (Lepidoptera Ptrophoridae)	on plant	France
Coniatus repandus (F.)	on plant	France
(Coleoptera Curculionidae)	on plant	
Coniatus tamarisci (F.)	on plant	France, Italy, Spain
(Coleoptera Curculionidae)		_
Corimalia tamarisci (Gyllenhal)	on plant	France
(Coleoptera Apionidae) Stilosomus tamaricis Herrich-Schäffer		Emamaa
(Coleoptera Chrysomelidae)	on plant	France
Teleiodes angustipennis (Rebel)	on plant	France
(Lepidoptera Gelechiidae)	on plant	
Tamarix parviflora D.C. (Tamaricaceae)		
Phyllobius etruscus Desbrochers	on plant	Italy
(Coleoptera Curculionidae)		
Tamarix ramosissima Ledeb. (Tamaricaceae)		
Brachyunguis tamaricis (Lichtenstein)	on plant	France
(Homoptera Aphididae)		
Tamarix smyrnensis Bunge (Tamaricaceae)		
Allomalia quadrivirgata (Costa)	on plant	Turkey
(Coleoptera Apionidae)	1 ,	Tr 1 -
Liocleonus clathratus (Olivier)	on plant	Turkey
(Coleoptera Curculionidae) Psectrosema sp. (Diptera Cecidomyiidae)	on plant	Turkey
1 sectiosema sp. (Dipicia eccidoniyildae)	on plant	Turkey
Tamarix sp. (Tamaricaceae)		
Adalia bipunctata (L.)	on plant	Italy
(Coleoptera Coccinellidae)		
Adalia sp. (Coleoptera Coccinellidae)	on plant	Italy
Allomalia quadrivirgata (Costa)	on plant	Greece, Italy
(Coleoptera Apionidae)	ar1a4	Grana
Aurigena lugubris (F.)	ex plant	Greece
(Coleoptera Buprestidae)		

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Bruchidius bimaculatus? (Olivier)	on plant	Turkey
(Coleoptera Bruchidae) Bruchidius imbricornis? (Panzer) (Coleoptera Bruchidae)	on plant	Turkey
Bruchidius nudus (Allard) (Coleoptera Bruchidae)	on plant	Turkey
Cantharis sp. (Coleoptera Cantharidae)	on plant	Turkey
Cardiastethus pseudococci Wagner (Hemiptera Anthocoridae)	on plant	Italy
Ceratina sp. (Hymenoptera Anthoporidae)	on plant	Turkey
Cheumatopsyche lepida (Pictet) (Trixoscelidae Hydropsychidae)	on plant	Turkey
Chloebius sp. (Coleoptera Curculionidae)	on plant	China
Chlorophanus excisus (F.) (Coleoptera Curculionidae)	on plant	Turkey
Cnephasia sp. (Lepidoptera Tortricidae)	on plant	Italy
Coccinella septempunctata L. (Coleoptera Coccinellidae)	on plant	Italy, Turkey
Coniatus repandus (F.) (Coleoptera Curculionidae)	on plant	France, Spain
Coniatus sp. (Coleoptera Curculionidae)	reared	Greece, Italy
Coniatus splendidulus (F.) (Coleoptera Curculionidae)	reared	Greece
Coniatus suavis Gyllenhal (Coleoptera Curculionidae)	on plant	Spain, France, Italy
Coniatus tamarisci (F.) (Coleoptera Curculionidae)	on plant	France, Greece, Italy
Coniatus tamarisci ? (F.) (Coleoptera Curculionidae)	on plant	Israel
Corimalia pallida (Olivier) (Coleoptera Apionidae)	on plant	Turkey
Corimalia tamarisci (Gyllenhal) , (Coleoptera Apionidae)	on plant	Italy, Spain
Corticaria? sp. (Coleoptera Latridiidae)	on plant	Italy
Cryptocephalus macellus? Suffrian (Coleoptera Chrysomelidae)	on plant	Italy
Cteniopus sp. (Coleoptera Alleculidae)	on plant	Turkey
Desmometopam-nigrum (Zettersted) (Diptera Milichiidae)	on plant	Turkey
Diadegma sp. (Hymenoptera Ichneumonidae)	on plant	Italy

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Dibrachoides dynastes (Förster)	reared	Greece
(Hymenoptera Pteromalidae)		
Diorhabda elongata Brullé	on plant	Greece
(Coleoptera Chrysomelidae)	•	
Diorhabda sp. (Coleoptera Chrysomelidae)	on plant	Turkey
Dolycoris baccarum (L.)	on plant	Turkey
(Hemiptera Pentatomidae)	_	•
Drapetis sp. (Diptera Empididae)	on plant	Italy
Ephedrus sp. (Hymenoptera Aphidiidae)	on plant	France
Eutetrastichus sp. (Hymenoptera Eulophidae)	on plant	Italy
Genus sp. (Coleoptera Bruchidae)	on plant	Italy
Genus sp. (Coleoptera Coccinellidae)	on plant	Italy, Romania
Genus sp. (Coleoptera Dermestidae)	on plant	Italy
Genus sp. (Coleoptera Melyridae)	on plant	Italy
Genus sp. (Coleoptera Phalacridae)	on plant	Italy
Genus sp. (Coleoptera Staphylinidae)	on plant	Turkey
Genus sp. (Dermaptera Forficulidae)	on plant	Italy
Genus sp. (Diptera Chironomidae)	on plant	Turkey
Genus sp. (Hymenoptera Braconidae)	on plant	Romania
Genus sp. (Lepidoptera Tortricidae)	on plant	Italy
Globicornis sp. (Coleoptera Dermestidae)	on plant	Turkey
Gymnetron pascuorum Gyllenhal	on plant	France
(Coleoptera Curculionidae)	1	
Hylemya sp. (Diptera Anthomyiidae)	on plant	Turkey
Hypophyes pallidulus (Gravenhorst) (Coleoptera Apionidae)	on plant	France, Italy
Lisiphlebus sp. (Hymenoptera Aphidiidae)	on plant	France
Malachius aeneus (L.) (Coleoptera Melyridae)	on plant	Turkey
Malachius sp. (Coleoptera Melyridae)	on plant	Turkey
Megalodactylus maculatus (Mulsant & Rey)	on plant	Italy
(Hemiptera Miridae)	on plant	ituiy
Mesopolobus mediterraneus (Mayr)	on plant	Italy
(Hymenoptera Pteromalidae)	on plant	ituiy
Mesopolobus sp. 1 (Hymenoptera Pteromalidae)	on plant	Italy
Mesopolobus sp. 2 (Hymenoptera Pteromalidae)	reared	Greece
Metedeterus sp. (Diptera Dolichopodidae)	on plant	Italy
Microphorus sp. (Diptera Empididae)	on plant	Turkey
Minettia plumicornis (Fallén)	on plant	Turkey
(Diptera Lauxanidae)	on plant	1 41110 j
Nabis viridis Brullé (Hemiptera Nabidae)	on plant	Turkey

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Nectelphusa sp. (Lepidoptera Gelechiidae)	reared	Greece
Orthellia caesarion (Meigen) (Diptera Calliphoridae)	on plant	Turkey
Otiorhynchus cribricollis Gyllenhal (Coleoptera Curculionidae)	on plant	Italy
Pachybrachys sp. (Coleoptera Chrysomelidae)	on plant	Turkey
Pantomorus cervinus Boheman (Coleoptera Curculionidae)	on plant	Italy
Platypalpus sp. (Diptera Empididae)	on plant	Turkey
Psectrosema sp. (Diptera Cecidomyiidae)	reared	Italy
Pteromalus sp. 1 (Hymenoptera Pteromalidae)	reared	Greece
Pteromalus sp. 2 (Hymenoptera Pteromalidae)	reared	Greece
Salebria? sp. (Lepidoptera Pyralidae)	reared	Greece
Scymnus sp. (Coleoptera Coccinellidae)	on plant	Italy
Semiothisa aestimaria? (Hübner) (Lepidoptera Geometridae)	reared	Greece
Stylosomus tamaricis? (Coleoptera Chrysomelidae)	on plant	Greece
Torymus sp. (Hymenoptera Torymidae)	on plant	Italy
Trixoscelis frontalis (Fallén) (Diptera Trixoscelidae)	on plant	Turkey
Trixoscelis obscurella (Fallén) (Diptera Trixoscelidae)	on plant	Turkey
Tuponia hyppophaes (Fieber) (Hemiptera Miridae)	on plant	Italy
Tuponia tamarisci (Perris) (Hemiptera Miridae)	on plant	Italy
Valgus hemipterus (L.) (Coleoptera Scarabaeidae)	on plant	Turkey
Tribulus terrestris L. (Zygophyllaceae)		
Microlarinus lareynii (Jacquelin Du Val) (Coleoptera Curculionidae)	reared	Greece, Italy
Microlarinus lypriformis (Wollaston) (Coleoptera Curculionidae)	reared	Italy
Sarcophaga balanina Pandellé (Diptera Muscidae)	on plant	Italy
Tyrimnus leucographus (L.) Cass. (Asteraceae)		
Larinus jaceae (F.) (Coleoptera Curculionidae)	ex dry head	Greece

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Urtica dioica L. (Urticaceae)		
Inachis io (L.) (Lepidoptera Nymphalidae)	reared	Italy
Parethelcus pollinarius (Forster)	reared	Italy
(Coleoptera Curculionidae)		,
Verbascum pulverulentum Vill. (Scrophulariaceae)		
Agriphila tristella (Denis & Schiffermüller)	on plant	Italy
(Lepidoptera Pyralidae)	_	
Nothris verbascella (Hübner)	reared	Italy
(Lepidoptera Gelechiidae)		
Verbascum sp. (Scrophulariaceae)		
Asphondylia verbasci (Vallot)	on plant	Turkey
(Diptera Cecidomyiidae)		
Bangasternus orientalis (Capiomont)	on plant	Turkey
(Coleoptera Curculionidae)		
Cionus hortulanus (Fourcroy)	on plant	Italy
(Coleoptera Curculionidae)		
Cionus olivieri Rosenschöld	on plant	Turkey
(Coleoptera Curculionidae)		4 44
Cionus thapsus (F.) (Coleoptera Curculionidae)	on plant	Uzbekistan
Cleopus solani (F.) (Coleoptera Curculionidae)	feeding	Italy
Cucullia verbasci (L.) (Lepidoptera Noctuidae)	reared	Italy
Gymnetron asellus (Gravenhorst)	on plant	Turkey
(Coleoptera Curculionidae)	14	Tumber
Gymnetron bipustulatum (Rossi)	on plant	Turkey
(Coleoptera Curculionidae)	on mlant	Italy
Gymnetron tetrum (F.)	on plant	Italy
(Coleoptera Curculionidae)	reared	Italy
Hyposoter sp. (Hymenoptera Ichneumonidae)	reareu	italy
Verbascum thapsus L. (Scrophulariaceae)		
Cionus longicollis montanus Wingelmuller	on plant	Italy
(Coleoptera Curculionidae)	-	
Cucullia verbasci (L.) (Lepidoptera Noctuidae)	reared	Italy
Gymnetron asellus (Gravenhorst)	on plant	Italy
(Coleoptera Curculionidae)		
Gymnetron tetrum (F.) (Coleoptera Curculionidae)	on plant	Italy
Hyposoter sp. (Hymenoptera Ichneumonidae)	reared	Italy
Longitarsus sp. (Coleoptera Chrysomelidae)	feeding	Italy

Table 1. Selected plants and associated insects, type of association, and country where collected (continued)

Plant and associated insect	Type of association	Country where collected
Microplitis sp. (Hymenoptera Braconidae) Nothris verbascella (Hübner)	reared reared	Italy Italy
(Lepidoptera Gelechidae)		,

Table 2. Taxonomic list of insects and the weeds associated with them

Insects	Associated weeds
11130003	Associated weeks

COLEOPTERA

	_		
_ ∆ l	llecu	lid	96

Cteniopus sp. Cardaria draba

Tamarix sp.

Genus sp. Carduus pycnocephalus

Convolvulus althaeoides Euphorbia cyparissias

Papaver rhoeas

Megischia curvipes (Brullé) Rumex crispus

Omophlus flavipennis? Küster Cardaria draba

Omophlus sp. Linaria sp.

Omophlus syriacus Mulsant Cardaria draba

Podonta aubei Mulsant Linaria sp.

Podonta nigrita (F.) Cardaria draba

Carduus pycnocephalus

Podonta sp. Cardaria draba

Centaurea solstitialis Euphorbia seguierana

Anobiidae

Lasioderma baudii Schilsky Carduus nutans

Cardous pycnocephalus

Carduus tenuiflorus

Cirsium sp.

Cynara scolymus Senecio jacobaea

Lasioderma haemorrhoidale ? (Illiger) Carthamus tinctorius

Centaurea nicaensis Centaurea solstitialis

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

insects	Associated weeds
Lasioderma obscurum ? Solsky	Carduus nutans Carduus thoermeri Centaurea bracteata Centaurea solstitialis
Lasioderma redtenbacheri (Bach)	Centaurea solstitialis
Lasioderma redtenbacheri ? Bach	Carthamus tinctorius Crupina vulgaris
Lasioderma serricorne (F.)	Carduus nutans Carduus tenuiflorus Centaurea diffusa Centaurea jacea Centaurea napifolia Centaurea nicaensis Centaurea solstitialis
Lasioderma sp.	Carduus macrocephalus Carduus micropterus Carduus nutans Carduus sp. Carduus thoermeri Carthamus tinctorius Centaurea bracteata Centaurea nicaensis Centaurea solstitialis Cirsium creticum Onopordum sp. Silybum marianum
Oligomerus ptilinoides (Wollaston)	Carduus nutans
Stegobium paniceum (L.)	Crupina vulgaris
Xyletinus sp.	Centaurea solstitialis
Anthicidae Anthicus antherinus (L.)	Rumex crispus Rumex obtusifolius

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Anthicus instabilis Schmidt	Rumex crispus Rumex sp.
Anthicus sp.	Linaria sp.
Endomia tenuicollis (Rossi)	Rumex crispus
Formicomus pedestris (Rossi)	Rumex obtusifolius
Formicomus sp.	Convolvulus arvensis
Genus sp.	Cardaria draba Carduus nutans Euphorbia sp.
Notoxus appendicinus Desbrochers	Euphorbia esula
Apionidae Acanephodus onopordi (Kirby)	Carduus acanthoides Carduus macrocephalus Carduus nutans Carduus pycnocephalus Carthamus lanatus Carthamus tinctorius Centaurea maculosa Centaurea solstitialis Onopordum sp. Onopordum tauricum Silybum marianum
Acanephodus orientale (Gerstäcker)	Centaurea solstitialis
Acanephodus robusticornis (Desbrochers)	Centaurea sp.
Allomalia quadrivirgata (Costa)	Tamarix smyrnensis Tamarix sp.
Apion frumentarium (L.)	Carduus macrocephalus

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

sects	Associated weeds	
Apion haematodes Kirby	Convolvulus arvensis	
Apion naemaioaes Kitoy	Rumex crispus	
	Rumex obtusifolius	
Catapion curtulum (Desbrochers)	Carduus nutans	
Catapion seniculus (Kirby)	Carduus nutans	
Ceratapion basicorne (Illiger)	Centaurea calcitrapa	
	Centaurea solstitialis	
Ceratapion beckeri (Desbrochers)	Crupina vulgaris	
Ceratapion carduorum (Kirby)	Onopordum acanthium	
Ceratapion gibbirostre (Gyllenhal)	Carduus acanthoides	
continuity (Cynemia)	Carduus candicans	
	Carduus macrocephalu.	
	Carduus nutans	
	Carduus pycnocephalus	
	Carduus sp.	
	Carduus tenuiflorus	
	Centaurea solstitialis	
	Silybum marianum	
Ceratapion penetrans (Germar)	Carthamus tinctorius	
* *	Centaurea diffusa	
	Centaurea sp.	
	Convolvulus arvensis	
	Echinops sp.	
Ceratapion robusticore (Desbrochers)	Centaurea nicaensis	
Ceratapion scalptum (Mulsant & Rey)	Carthamus lanatus	
	Carthamus tinctorius	
	Silybum marianum	
Ceratapion sp.	Carthamus tinctorius	
	Centaurea solstitialis	
	Centaurea sp.	
	Cirsium vulgare	

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Ceratapion sp. (continued)	Convolvulus arvensis Cynara scolymus Verbascum thapsus
Corimalia pallida (Olivier)	Tamarix sp.
Corimalia tamarisci (Gyllenhal)	Tamarix africana Tamarix gallica Tamarix sp.
Diplapion detritum (Mulsant & Rey)	Centaurea solstitialis Cirsium arvense
Diplapion stolidum (Germar)	Carthamus dentatus Carthamus lanatus Centaurea solstitialis Echinops sp. Onopordum sp.
Exapion formaneki? (Wagner)	Genista sagittalis Genista sp.
Exapion fuscirostre (F.)	Cytisus scoparius Spartium junceum
Genus sp.	Linaria vulgaris
Holotrichapion pisi (F.)	Carduus nutans Convolvulus arvensis Papaver rhoeas
Hypohyes pallidulus (Gravenhorst)	Tamarix sp.
Kalcapion semivittatum (Gyllenhal)	Amaranthus sp.
Nanophyes marmoratus (Goeze)	Lythrum salicaria
Perapion curtirostre (Germar)	Rumex acetosa
Perapion violaceum (Kirby)	Rumex crispus Rumex sp.

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Protapion dissimile (Germar)	Convolvulus sp.
Protapion nigritarse (Kirby)	Convolvulus arvensis Rumex obtusifolius
Protapion trifolii (L.)	Centaurea solstitialis Convolvulus sp.
Pseudoprotapion astragali (Paykull)	Carduus nutans Galactites tomentosa
Squamapion elongatum (Germar)	Centaurea solstitialis Cirsium vulgare
Attelabidae Attelabus nitens Scopoli	Carduus macrocephalus
Attetaous finens Scopoli	Carauus macrocepnatus
Involvulus sp.	Papaver rhoeas
Bostrichidae	
Sinoxylon sp.	Papaver sp.
Bruchidae	
Bruchidius bimaculatus? (Olivier)	Cardaria draba Convolvulus althaeoides Tamarix sp.
Bruchidius gilvus (Gyllenhal)	Cardaria draba Linaria vulgaris
Bruchidius imbricornis? (Panzer)	Cardaria draba Tamarix sp.
Bruchidius meleagrinus (Géné)	Rumex crispus
Bruchidius mordelloides (Baudi)	Cardaria draba

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

ects	Associated weeds
Bruchidius nudus (Allard)	Cardaria draba
	Carduus macrocephalus
	Carduus nutans
	Rumex crispus
	Tamarix sp.
Bruchidius nudus? (Allard)	Cardaria draba
Bruchidius obscuricollis (Gyllenhal)	Centaurea nicaensis
Bruchidius quinqueguttatus (Olivier)	Cardaria draba
	Rumex crispus
Bruchidius seminarius (L.)	Cytisus scoparius
	Papaver rhoeas
Bruchidius seminarius ? (L.)	Convolvulus althaeoides
Bruchidius sericatus? (Germar)	Rumex crispus
Bruchidius sp.	Cardaria draba
•	Carduus nutans
	Centaurea solstitialis
	Cirsium arvense
	Papaver bracteatum
	Rumex crispus
	Silybum marianum
Bruchidius sp. 1	Centaurea calcitrapa
Bruchidius sp. 2	Centaurea calcitrapa
Bruchidius tuberculatus (Hochhut)	Centaurea nicaensis
	Centaurea solstitialis
Bruchidius unicolor? (Olivier)	Linaria vulgaris
Bruchidius varius (Olivier)	Centaurea solstitialis

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

sects	Associated weeds
Bruchus brachialis (F.)	Linaria grandiflora Quercus pubescens
Bruchus dentipes Baudi	Linaria genistifolia
Bruchus ervi Frölich	Cardaria draba
Bruchus guttalis Rey	Rumex crispus
Bruchus lentis Frölich	Cardaria draba
Bruchus pisorum (L.)	Cardaria draba Carduus nutans
Bruchus rufimanus Boheman	Cardaria draba
Bruchus rufipes Herbst	Cardaria draba Carduus pycnocephalu Rumex crispus
Bruchus signaticornis Gyllenhal	Euphorbia polychroma
Bruchus sp.	Papaver rhoeas
Genus sp.	Carduus macrocephalu Carduus nutans Carthamus tinctorius Convolvulus arvensis Tamarix sp.
Spermophagus kuesteri Schilsky	Convolvulus arvensis
Spermophagus sericeus (Fourcroy)	Centaurea solstitialis Convolvulus arvensis Euphorbia salicifolia Rumex crispus Scrophularia canina
Spermophagus sp.	Convolvulus althaeoide Convolvulus arvensis Papaver sp.

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

ects	Associated weeds
Spermophagus variolosopunctatus Gyllenhal	Convolvulus althaeoides
prestidae Agrilus biguttatus (F.)	Cytisus scoparius
Anthaxia sp.	Galactites tomentosa
Aurigena lugubris (F.)	Tamarix sp.
Capnodis sp.	Carduus macrocephalus
Capnodis tenebricosa (Olivier)	Rumex crispus
Deudora sp.	Centaurea diffusa
Genus sp.	Carlina corymbosa
Meliboeus amethystinus (Olivier)	Oноpordum acanthium Oнopordum illyricum Onopordum sp.
Sphenoptera sp.	Convolvulus althaeoides
Trachys puncticollis obscurella Obenberger	Convolvulus arvensis
Trachys sp.	Convolvulus arvensis
Trachys troglodytes Gyllenhal	Convolvulus arvensis
rrhidae	
Simplocaria semistriata (F.)	Rumex crispus
turidae Genus sp.	Papaver rhoeas
antharidae	
Cantharis fusca? (L.)	Euphorbia virgata

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Cantharis sp.	
	Carduus macrocephalus Carduus nutans
	Carduus nutans Carduus pycnocephalus
	Cirsium sp.
	Convolvulus althaeoides
	Onopordum acanthium
	Rumex crispus
	Tamarix sp.
Cantharis sp. 1	Cardaria draba
Cantharis sp. 2	Cardaria draba
Cantharis sp. 3	Cardaria draba
Malthinus sp. 1	Cardaria draba
Malthinus sp. 2	Cardaria draba
Podabrus sp.	Linaria dalmatica
Rhagonycha fulva (Scopoli)	Lythrum salicaria
Rhagonycha sp.	Cardaria draba
Carabidae	
Agonum dorsale (Pontoppidan)	Rumex crispus
Amara sp.	Rumex sp.
Bembidion properans Stephens	Rumex obtusifolius
Bembidion sp.	Rumex sp.
Brachinus sp.	Carduus nutans
Bradycellus sp.	Rumex crispus
	Rumex obtusifolius

Rumex sp.

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

nsects	Associated weeds
Calathus fuscipes (Olivier)	Carduus nutans
Calathus fuscipes? (Olivier)	Rumex crispus
Calathus mollis (Stroem)	Carduus macrocephalus Carduus mutans
Calosoma sycophanta (L.)	Centaurea diffusa
Demetrias atricapillus (L.)	Carduus nutans
Demetrias sp.	Rumex sp.
Dichirotrichus? sp.	Rumex crispus
Dromius linearis (Olivier)	Rumex crispus
Dromius sp.	Rumex crispus Rumex sp.
Drypta dentata (Rossi)	Rumex sp.
Gynandrophtalmus sp.	Rumex crispus
Harpalus sp.	Carduus nutans Carduus vivariensis
Metabletus sp.	Carduus nutans
Microlestes sp.	Rumex crispus Rumex obtusifolius Rumex sp.
Notiophilus quadripunctatus ? (Dejean)	Rumex crispus
Pterostichus sp.	Rumex sp.
Trechus sp.	Rumex sp.
Trichocellus sp.	Rumex sp.

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects Associate

C erambycidae Agapanthia cardui (L.)	Cardaria draba Carduus macrocephalus Carduus nutans Carduus pycnocephalus Carduus tenuiflorus Centaurea solstitialis Galactites tomentosa Papaver dubium Papaver setigerum
Agapanthia dahli (Richter)	Cardaria draba Carduus acanthoides Carduus macrocephalus Carduus nutans Centaurea solstitialis Cirsium canum Galactites tomentosa Onopordum illyricum Senecio erraticus
Agapanthia leucaspis (Steven)	Centaurea solstitialis Isatis tinctoria
Agapanthia sp.	Centaurea diffusa Convolvulus arvensis Papaver rhoeas
Agapanthia villosoviridescens (DeGeer)	Carduus pycnocephalus
Agapanthia violacea (F.)	Papaver setigerum
Calamobius filum (Rossi)	Cardaria draba Carduus macrocephalus
Certallum ebulinum (L.)	Boreava sp.
Certallum sp.	Cardaria draba
Clytus arietis (L.)	Cardaria draba
Dorcadion sp.	Carduus nutans Convolvulus arvensis

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

ects	Associated weeds
Genus sp.	Linaria genistifolia
Herophila tristis (F.)	Rumex crispus
Hylotrupes bajulus (L.)	Centaurea diffusa
Oberea doncelii ? Pic	Euphorbia esula
Oberea erythrocephala (Schrank)	Euphorbia cyparissias Euphorbia esula Euphorbia gerardiana Euphorbia iberica Euphorbia virgata
Oberea euphorbiae (Germar)	Euphorbia palustris
Oberea linearis (L.)	Euphorbia seguierana Euphorbia sp.
Oberea sp.	Carduus macrocephalus Euphorbia sp.
Parmena sp.	Centaurea cineraria
Phytoecia pustulata (Schrank)	Salvia verbenaca
Phytoecia scapularis (Chevrolat)	Centaurea solstitialis
Phytoecia virgula (Charpentier)	Centaurea solstitialis
Phytoecia vittipennis (Reiche)	Linaria fastigiata Linaria genistifolia Linaria sp.
<i>Phytoecia vulneris</i> Aurivillius	Isatis tinctoria
Stenurella bisignata (Brullé)	Euphorbia seguierana
Vadonia unipunctata (F.)	Euphorbia seguierana Euphorbia sp.
rysomelidae	

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects Ass	ssociated weeds
-------------	-----------------

Altica brevicollis? Foudras	Cardaria draba
Altica carduorum Guérin-Meneville	Cirsium arvense Cirsium vulgare
Altica impressicollis Reiche	Lythrum salicaria
Altica oleracea (L.)	Euphorbia cyparissias Euphorbia virgata Rumex obtusifolius
Altica oleracea? (L.)	Calistegia saepium Convolvulus althaeoides Convolvulus arvensis
Altica sp.	Salsola sp.
Aphthona abdominalis (Duftschmid)	Euphorbia esula
Aphthona bonvouloiri sicelidis Weise	Euphorbia polychroma?
Aphthona chinchihi Chen	Euphorbia esula
Aphthona cyparissiae (Koch)	Euphorbia cyparissias
Aphthona czwalinae Weise	Euphorbia cyparissias Euphorbia esula
Aphthona flava Guillebeau	Euphorbia cyparissias Euphorbia esula
Aphthona illigeri Bedel	Euphorbia sp.
Aphthona lacertosa Rotschild	Euphorbia virgata
Aphthona lutescens (Gyllenhal)	Lythrum salicaria
Aphthona nigriscutis Foudras	Euphorbia esula Euphorbia seguierana Euphorbia sp.
Aphthona ovata Foudras	Euphorbia cyparissias
Aphthona pygmaea Kutschera	Euphorbia sp.

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Insects	Associated weeds

Aphthona pygmaea ? Kutschera	Euphorbia myrsinites
Aphthona seriata Chen	Euphorbia esula
Aphthona sinilica Chen	Euphorbia sp.
Aphthona sp.	Cardaria draba
Aphthona venustula Kutschera	Euphorbia amygdaloides Euphorbia characias Euphorbia cyparissias Euphorbia esula
Arima marginata F.	Centaurea solstitialis
Asiorestia sp.	Euphorbia esula
Aspidolopha? sp.	Cardaria draba
Cassida atrata F.	Convolvulus arvensis
Cassida deflorata? Suffrian	Silybum marianum
Cassida denticollis Suffrian	Centaurea solstitialis
Cassida margaritaceae Schaller	Carduus macrocephalus Carduus nutans
Cassida nebulosa L.	Chenopodium album
Cassida rubiginosa O.F. Müller	Centaurea solstitialis
Cassida rubiginosa ? O.F. Müller	Carduus nutans Carduus pycnocephalus Carduus sp. Convolvulus arvensis
Cassida sp.	Carduus macrocephalus Carduus nutans Centaurea diffusa Centaurea solstitialis Cirsium arvense

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects

Associated weeds

Cassida sp. (continued)	Convolvulus arvensis Onopordum sp. Rumex crispus Salvia sp.
Cassida vibex L.	Carduus macrocephalus Carduus pycnocephalus
Cassida vibex ? L.	Silybum marianum
Cassida viridis L.	Carduus macrocephalus Carduus pycnocephalus
Cassida vittata? Villiers	Convolvulus arvensis
Cassida weidmanni Chapuis	Convolvulus arvensis
Chaetocnema concinna (Marsham)	Centaurea solstitialis
Chaetocnema conducta? (Motschulsky)	Cardaria draba Senecio erraticus
Chaetocnema sp.	Cardaria draba Euphorbia esula
Chaetocnema tibialis (Illiger)	Rumex crispus
Chaetocnema tibialis? (Illiger)	Centaurea solstitialis
Chrysochloa sp.	Convolvulus arvensis
Chrysochloa tristis (F.)	Centaurea nigra
Chrysochus chinensis Baly	Euphorbia sp.
Chrysolina affinis ? (F.)	Carduus nutans
Chrysolina banksi (F.)	Centaurea solstitialis Cynara scolymus Rumex crispus
Chrysolina banksi ? (F.)	Convolvulus arvensis
Chrysolina fastuosa (L.)	Euphorbia virgata Lythrum salicaria

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

sects	Associated weeds
Chrysolina grossa (F.)	Carduus pycnocephalus Salvia verbenaca
Chrysolina gypsophilae (Küster)	Linaria dalmatica Linaria seonica Linaria sp.
Chrysolina haemoptera (L.)	Carduus nutans Rumex crispus
Chrysolina hyperici (Forster)	Carduus nutans Hypericum sp.
Chrysolina interstincta (Suffrian)	Linaria dalmatica
Chrysolina lepida (Olivier)	Carduus nutans
Chrysolina menthastri (Suffrian)	Carduus nutans Centaurea solstitialis Lythrum salicaria
Chrysolina rossia (Illiger)	Linaria vulgaris Rumex crispus
Chrysolina rossia × gypsophilae	Linaria dalmatica
Chrysolina sahlbergi (Ménétries)	Salvia sp.
Chrysolina sp.	Carduus macrocephalus Euphorbia seguierana Linaria vulgaris
Chrysolina? sp.	Cytisus scoparius Papaver bracteatum Papaver orientale
Chrysolina variolosa Pethena	<i>Linaria</i> sp.
Chrysolina vernalis (Brullé)	Carduus macrocephalus Carduus nutans
Chrysolina vishnu? Hope	Papaver orientale
Clytra atraphaxidis? (Pallas)	Centaurea repens

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects Associated weeds

Clytra laeviuscula? Ratzenburg	Linaria sp.
Clytra sp.	Centaurea diffusa Centaurea solstitialis
Colaphellus noefti Ménétries	Cardaria draba
Colaphellus sophiae (Schaller)	Cardaria draba
Colaphus ? sp.	Carduus macrocephalus Carduus nutans
Coptocephala chalibea? Germar	Convolvulus arvensis
Coptocephala sp.	Centaurea repens
Crepidodera crassicornis Sanderman	Euphorbia virgata
Crepidodera ferruginea ? (Scopoli)	Onopordum tauricum
Crepidodera sp.	Onopordum tauricum
Crepidodera transversa? (Marsham)	Carduus nutans
Cryptocephalus concolor? Suffrian	Papaver sp.
Cryptocephalus connexus Olivier	Rumex sp.
Cryptocephalus flavipes (F.)	Euphorbia esula
Cryptocephalus hypochoeridis (L.)	Carduus litigiosus Carduus nutans Carduus sanctaebalmae Carduus tenuiflorus Onopordum sp.
Cryptocephalus macellus? Suffrian	Tamarix sp.
Cryptocephalus populi Suffrian	Euphorbia esula
Cryptocephalus populi? Suffrian	Salsola sp.
Cryptocephalus signaticollis Suffrian	Chondrilla juncea

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds

Cryptocephalus sp.	Carduus pycnocephalus Convolvulus arvensis Euphorbia esula Euphorbia iberica Euphorbia sp. Rumex crispus Rumex obtusifolius
Diaclispa testacea (L.)	Carduus nutans
Diorhabda elongata Brullé	Tamarix sp.
Diorhabda sp.	Tamarix sp.
Entomoscelis adonidis? (Pallas)	Cardaria draba Glaucium sp.
Exosoma lusitanicum (L.)	Convolvulus althaeoides
Galeruca daurica? Joannisiani	Cardaria draba
Galeruca littoralis (F.)	Centaurea diffusa
Galeruca rufa (Germar)	Convolvulus arvensis
Galeruca sp.	Carduus nutans
Galeruca tanaceti (L.)	Carduus nutans Carduus tenuiflorus
Galerucella lineola? (F.)	Senecio erraticus
Galerucella luteola (O.F. Müller)	Carduus nutans Carduus pycnocephalus Papaver rhoeas
Galerucella pusilla (Duftschmid)	Lythrum salicaria
Gastrophysa polygoni (L.)	Calistegia saepium Cardaria draba Carduus macrocephalus Carduus nutans Carduus pycnocephalus Convolvulus arvensis Cynara scolymus

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Gastrophysa polygoni (L.) (continued)	Rumex acetosa Rumex crispus Senecio erraticus Silybum marianum
Gastrophysa viridula (DeGeer)	Rheum rhabarbarum Rumex acetosa Rumex obtusifolius Rumex sp.
Genus A sp.	Euphorbia sp.
Genus B sp.	Euphorbia sp.
Genus sp.	Carduus macrocephalus Carduus pycnocephalus Centaurea solstitialis Convolvulus arvensis Isatis tinctoria Linaria sp. Onopordum acanthium Salsola sp.
Gonioctema olivacea (Forster)	Cytisus scoparius
Hypocassida meridionalis? (Suffrian)	Convolvulus arvensis
Hypocassida subferruginea (Schrank)	Convolvulus arvensis Rumex sp.
Hypocassida subferruginea? (Schrank)	Convolvulus arvensis
Labidostomis sp.	Rumex sp.
Lachnaea sp.	Rumex crispus
Lema cyanella (L.)	Cirsium arvense
Leptomona erythrocephala (Olivier)	Rumex crispus
Longitarsus dorsalis (F.)	Senecio erraticus
Longitarsus ganglbaueri Heikertinger	Senecio erraticus Senecio jacobaea

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

sects	Associated weeds
Longitarsus ganglbaueri? Heikertinger	Senecio erraticus
Longitarsus jacobaeae? (Waterhouse)	Carduus nutans Senecio erraticus Senecio jacobaea
Longitarsus longipennis? Kutschera	Convolvulus arvensis
Longitarsus nasturtii ? (F.)	Convolvulus arvensis
Longitarsus pellucidus (Foudras)	Convolvulus arvensis
Longitarsus picicornis? Weise	Carduus pycnocephalu
Longitarsus sp.	Centaurea calcitrapa Convolvolus arvensis Euphorbia esula Papaver bracteatum Senecio jacobaea Verbascum thapsus
Longitarsus sp. 1	Centaurea solstitialis
Longitarsus sp. 2	Centaurea solstitialis
Longitarsus suturellus? (Duftschmid)	Cardaria draba
Longitarsus tabidus (F.)	Rumex sp.
Longitarsus tabidus ? (F.)	Senecio erraticus
Lythraria salicariae (Paykull)	Lythrum salicaria
Mantura rustica (L.)	Rumex pulcher
Oulema melanopus (L.)	Cardaria draba Carduus macrocephali Convolvulus arvensis Senecio erraticus Senecio jacobaea
Pachybrachis sp.	Euphorbia sp. Limoniastrum sp.
Phyllotreta consobrina? Curtis	Convolvolus arvensis

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Associated weeds

Euphorbia esula Isatis tinctoria Rumex sp.

Phyllotreta nigripes (F.)	Convolvolus arvensis Isatis tinctoria
Phyllotreta sp.	Boreava sp. Cardaria draba Isatis tinctoria Linaria grandiflora Linaria sp.
Phyllotreta striolata ? (F.)	Cardaria draba
Phyllotreta undulata Kutschera	Euphorbia esula
Phyllotreta undulata? Kutschera	Cardaria draba
Podagrica malvae (Illiger)	Carduus nutans
Podagrica malvae ? (Illiger)	Convolvulus arvensis
Podagrica sp.	Rumex sp.
Psylliodes attenuata (Koch)	Euphorbia salicifolia
Psylliodes chalcomera (Illiger)	Carduus macrocephalu. Carduus nutans Carduus pycnocephalus Centaurea solstitialis Galactites tomentosa
Psylliodes circumdata (W. Redtenbacher)	Euphorbia esula
Psylliodes glabra L. Redtenbacher	Convolvulus arvensis
Psylliodes hyoscyami (L.)	Centaurea solstitialis
Psylliodes marcida (Illiger)	Salsola sp.
Psylliodes napi (F.)	Euphorbia esula
Psylliodes sp.	Cardaria draba Centaurea solstitialis Convolvulus arvensis

Insects

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
---------	------------------

Sermylassa halensis (L.) Senecio jacobaea Convolvulus arvensis Smaragdina sp. Smaragdina xanthaspis (Germar) Rumex crispus Sphaeroderma rubidum (Graëlls) Carduus nutans Centaurea calcitrapa Centaurea jacea Centaurea solstitialis Cynara scolymus Sphaeroderma sp. Carduus macrocephalus Onopordum acanthium Onopordum sp. Carduus nutans Sphaeroderma testaceum (L.) Convolvulus arvensis Sphaeroderma testaceum? Weise Stylosomus tamaricis? Tamarix sp. Timarcha sp. Rumex crispus Silybum marianum *Timarcha tenebricosa* (F.) Rumex sp. Cleridae Cardaria draba *Trichodes* sp. Coccinellidae Adalia bipunctata (L.) Rumex sp. Tamarix sp. Adalia sp. Tamarix sp. Linaria sp. Coccinella quinquepunctata L. Cardaria draba Coccinella septempunctata L. Carduus macrocephalus Carduus nutans Centaurea solstitialis Cynara scolymus

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds

Coccinella septempunctata L. (continued)	Linaria sp. Rumex crispus Tamarix sp.
Coccinella undecimpunctata L.	Rumex sp.
Coccimula quatuordecimpustulata (L.)	Cardaria draba
Exochomus bipustulatus (L.)	Carduus nutans
Exochomus nigromaculatus (Goeze)	Cardaria draba
Genus sp.	Carduus macrocephalus Carduus nutans Convolvulus arvensis Papaver rhoeas Tamarix sp.
Henosepilachna elaterii (Rossi)	Convolvulus arvensis
Hippodamia variegata (Goeze)	Cardaria draba Carduus nutans Euphorbia sp. Linaria sp. Rumex crispus Rumex obtusifolius
Nephus sp.	Rumex sp.
Propylea quatuordecimpunctata (L.)	Carduus nutans Euphorbia cyparissias
Psyllobora vigintiduomaculata (L.)	Cardaria draba Carduus nutans Convolvulus arvensis Rumex crispus
Rhizobius litura (F.)	Carduus nutans Carduus pycnocephalus Centaurea napifolia Rumex crispus Rumex obtusifolius
Scymnus apetzi Mulsant	Cardaria draba

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

ects	Associated weeds
Scymnus apetzoides Fürsch	Rumex crispus
Scymnus frontalis (F.)	Carduus nutans Carduus pycnocephalus Carduus thoermeri Rumex crispus Rumex obtusifolius
Scymnus interruptus (Goeze)	Cardaria draba Rumex crispus
Scymnus levaillanti Mulsant	Rumex crispus
Scymnus marginalis (Rossi)	Rumex crispus
Scymmus mimulus Capra & Fürsch	Centaurea solstitialis
Scymnus nigrinus Kugelann	Rumex crispus
Scymnus rubromaculatus (Goeze)	Rumex crispus
Scymnus sp.	Centaurea bracteata Convolvulus arvensis Isatis tinctoria Rumex sp. Tamarix sp.
Scymnus sp. 1	Cardaria draba Linaria sp.

	Carduus nutans Centaurea solstitialis Convolvulus arvensis Cynara scolymus Linaria sp. Rumex crispus
--	--

Cardaria draba

Cardaria draba

Linaria sp.

Tytthaspis sedecimpunctata (L.) Rumex crispus

Scymnus sp. 2

Scymnus sp. 3

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Cryptophagidae Cryptophagus sp.	Cardaria draba Salsola sp.
Curculionidae Acalles diocletianus (Germar)	Carduus macrocephalus Carduus nutans Carduus pycnocephalus Centaurea napifolia Centaurea nicaensis Centaurea solstitialis Centaurea sp. Cynara scolymus
Acalles dromedarius Boheman	Carduus macrocephalus Carduus mutans Carduus pycnocephalus Carduus pycnocephalus Centaurea cineraria Centaurea napifolia Centaurea solstitialis Centaurea sphaerocephala Cynara scolymus
Acentrus histrio (Faldermann)	Glaucium flavum Glaucium sp.
Alcidodes sp.	Ipomea hispida
Allomalia quadrivirgata (Costa)	Tamarix smyrnensis Bunge
Alophus nictitans singularis Jacquelin DuVal	Carduus macrocephalus Carduus nutans Centaurea solstitialis Galactites tomentosa Senecio erraticus
Anthonomus sp.	Papaver somniferum
Aspidiotes thalassinus (Schönherr)	Centaurea solstitialis Onopordum illyricum

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
l-	
Bangasternus fausti (Reitter)	Centaurea calcitrapa Centaurea diffusa Centaurea solstitialis Centaurea sp.
Bangasternus orientalis (Capiomont)	Centaurea calcitrapa Centaurea diffusa Centaurea solstitialis Verbascum sp.
Bangasternus planifrons (Brullé)	Carthamus dentatus Carthamus lanatus Carthamus tinctorius
Bangasternus provincialis (Fairmaire)	Centaurea deusta Centaurea jacea
Baris artemisiae (Herbst)	Centaurea diffusa
Baris coerulescens (Scopoli)	Carduus macrocephalus Rumex crispus
Baris fallax C. Brisout	Isatis tinctoria
Baris sp.	Galactites tomentosa
Baris timida (Rossi)	Carduus pycnocephalus
Catapionus ? sp.	Euphorbia sp.
Ceutorhynchus assimilis (Paykull)	Cardaria draba Papaver rhoeas
Ceutorhynchus caietani (Colonnelli)	Erysimum pseudorbaeticum
Ceutorhynchus contractus (Marsham)	Cardaria draba
Ceutorhynchus erysimi (F.)	Centaurea solstitialis
Ceutorhynchus intersetosus Weise	Papaver rhoeas
Ceutorhynchus leprieuri C. Brisout	Papaver rhoeas
Ceutorhynchus leucorhamma Rosenhauer	Papaver rhoeas

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

sects	Associated weeds
Ceutorhynchus obstrictus (Marsham)	Carduus nutans Carduus pycnocephalus
Ceutorhynchus pallidactylus (Marsham)	Carduus macrocephalus Papaver rhoeas
Ceutorhynchus picitarsis Gyllenhal	Centaurea solstitialis Isatis tinctoria Papaver rhoeas
Ceutorhynchus resedae (Marsham)	Papaver rhoeas
Ceutorhynchus rusticus Gyllenhal	Isatis tinctoria
Ceutorhynchus squamulosus C. Brisout	Papaver rhoeas
Ceutorhynchus tibialis Boheman	Papaver rhoeas
Ceutorhynchus turbatus Schultze	Cardaria draba
Chloebius sp.	Tamarix sp.
Chlorophanus excisus (F.)	Tamarix sp.
Chlorophanus viridis (L.)	Salix sp.
Chromoderus affinis (Schrank)	Rumex acetosa
Cionus clairvillei Boheman	Centaurea solstitialis
Cionus hortulanus (Fourcroy)	Carduus pycnocephalus Verbascum sp.
Cionus longicollis montanus Wingelmuller	Verbascum thapsus
Cionus olens (F.)	Carduus macrocephalus
Cionus thapsus (F.)	Carduus nutans Verbascum thapsus
Cleonis pigra (Scopoli)	Arctium minus Carduus acanthoides Carduus edelbergii Carduus macrocephalus

Carduus nutans

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

sects	Associated weeds
Classic nicrus (Saanali) (aantimus d)	Candung monoconhalus
Cleonis pigra (Scopoli) (continued)	Carduus pycnocephalus Carduus thoermeri
	Centaurea diffusa
	Centaurea solstitialis
	Centaurea sp.
	Cirsium arvense
	Cirsium sp.
	Cirsium vulgare
	Onopordum tauricum
Cleopus solani (F.)	Verbascum sp.
Coniatus repandus (F.)	Tamarix africana
	Tamarix gallica
	Tamarix sp.
Coniatus repandus ? (F.)	Centaurea solstitialis
Coniatus sp.	Tamarix sp.
Coniatus splendidulus (F.)	Tamarix sp.
Coniatus suavis Gyllenhal	Tamarix sp.
Coniatus tamarisci (F.)	Tamarix africana
, ,	Tamarix gallica
	Tamarix sp.
Coniatus tamarisci ? (F.)	Tamarix sp.
Conorrhynchus sp.	Centaurea idea
Curculio salicivorus Paykull	Rumex crispus
Cycloderes canescens (Rossi)	Carduus nutans
	Chondrilla juncea
	Rumex crispus
Cyphocleonus achates (Fåhraeus)	Centaurea deusta
	Centaurea diffusa
	Centaurea solstitialis
	Centaurea sp.
Cyphocleonus morbillosus (F.)	Centaurea solstitialis
, ,	Convolvulus arvensis

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects Associ

Cyphocleonus sp.	Centaurea idea
Donus crinitus (Boheman)	Carduus macrocephalus Carduus nutans Centaurea solstitialis Convolvulus arvensis Rumex crispus Rumex obtusifolius Salvia verbenaca
Donus philanthus (Olivier)	Carduus macrocephalus Carduus nutans Rumex crispus Rumex sp.
Donus salviae (Schrank)	Carduus macrocephalus Carduus nutans Carduus pycnocephalus Rumex crispus
Donus salviae? (Schrank)	Centaurea diffusa
Donus sp.	Centaurea solstitialis
Ethelcus cinnamomeus (Schultze)	Papaver hybridum Papaver rhoeas
Ethelcus denticulatus (Schrank)	Papaver rhoeas Papaver setigerum Papaver somniferum
Eusomus? sp.	Papaver bracteatum
Eustenopus hirtus (Waltl)	Centaurea diffusa Centaurea solstitialis
Glocianus distinctus (C. Brisout)	Papaver rhoeas
Gymnetron antirrhini (Paykull)	Linaria dalmatica Linaria vulgaris
Gymnetron asellus (Gravenhorst)	Verbascum sp. Verbascum thapsus

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Gymnetron bipustulatum (Rossi)	Carduus tenuiflorus Centaurea solstitialis Verbascum sp. Verbascum thapsus
Gymnetron linariae (Panzer)	Linaria vulgaris
Gymnetron netum (Germar)	Antirrhinum siculum Linaria heterophylla Linaria sp. Linaria vulgaris
Gymnetron pascuorum (Gyllenhal)	Tamarix sp.
Gymnetron sp.	Cardaria draba Carduus macrocephalus Papaver sp.
Gymnetron tetrum (F.)	Carthamus lanatus Salvia aethiopis Verbascum sp. Verbascum thapsus Verbascum undulatum
Hadroplontus litura (F.)	Cirsium arvense
Hadroplontus trimaculatus (F.)	Carduus macrocephalus Carduus nutans Carduus pycnocephalus Galactites tomentosa Onopordum sp. Silybum marianum
Hexarthrum culinaris (Germar)	Rumex sp.
Hylobius transversovittatus (Goeze)	Lythrum salicaria
Hypera adspersa (F.)	Carduus macrocephalus
Hypera arator (F.)	Carduus macrocephalus

Hypera fuscocinerea (Marsham)

Hypera meles (F.)

Carduus macrocephalus

Carduus nutans

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Hypera nigrirostris (F.)	Carduus macrocephalus Carduus nutans Isatis tinctoria
Hypera postica (Gyllenhal)	Carduus edelbergii Carduus macrocephalus Centaurea napifolia Centaurea solstitialis Convolvulus arvensis Isatis tinctoria
Hypera punctata ? (F.)	Centaurea diffusa
<i>Hypera</i> sp.	Euphorbia seguierana
Hypera striata (Boheman)	Carduus macrocephalus
Hypera venusta (F.)	Centaurea diffusa
Hypera zoilus (Scopoli)	Carduus nutans Centaurea solstitialis Salvia verbenaca
Hypolixus sp.	Chondrilla juncea
Holocrichapion pisi (F.)	Cirsium arvense
Larinus australis Capiomont	Centaurea sp.
Larinus australis? Capiomont	Centaurea sp.
Larinus brevis (Herbst)	Carlina vulgaris
Larinus canescens Gyllenhal	Centaurea sp.
Larinus capiomonti Faust	Cousinia congesta Saussurea sp.
Larinus carinirostris Gyllenhal	Carlina corymbosa
Larinus centaureae (Olivier)	Centaurea solstitialis
Larinus crassus Capiomont	Centaurea spruneri guicciardii

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

sects	Associated weeds
Larinus curtus Hochhut	Centaurea melitensis Centaurea solstitialis
Larinus cynarae (F.)	Carduus nutans
2	Carduus pycnocephalus
	Cynara cardunculus
	Ğalactites tomentosa
	Onopordum illyricum
	Onopordum sp.
	Silybum marianum
Larinus filiformis Petri	Centaurea solstitialis
Larinus flavescens Germar	Carduus chrysacanthus
·	Carduus macrocephalus
	Carthamus lanatus
	Centaurea nicaensis
	Centaurea solstitialis
Larinus grisescens Gyllenhal	Centaurea diffusa
·	Centaurea solstitialis
	Centaurea spruneri guicciardi
Larinus inaequalicollis Capiomont	Carduus nutans
Larinus jaceae (F.)	Carduus acanthoides
·	Carduus candicans
	Carduus chrysacanthus
	Carduus macrocephalus
	Carduus nutans
	Carduus nutans?
	Carduus picnocephalus
	Carduus sp.
	Carduus thoermeri
	Carduus tmoleus armatus
	Carduus vivariensis
	Carlina corymbosa
	Carthamus lanatus
	Centaurea scabiosa
	Centaurea solstitialis
	Cirsium candelabrum
	Cirsium sp.
	Cousinia congesta
	Tyrimnus leucographus

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Larinus latus (Herbst)	Carduus nutans
	Carduus thoermeri Centaurea solstitialis
	Onopordum acanthium
	Onopordum illyricum
	Onopordum sp.
Larinus longirostris Gyllenhal	Centaurea calcitrapa
	Centaurea solstitialis
Larinus minutus Gyllenhal	Carduus tmoleus armatus
	Centaurea diffusa
	Centaurea macedonica
	Centaurea maculosa
	Centaurea phrygia
	Centaurea salonitana
	Centaurea solstitialis
	Centaurea sp.
Larinus obtusus Gyllenhal	Centaurea deusta
,	Centaurea maculosa
	Centaurea pseudophrygia
	Centaurea sp.
Larinus onopordi (F.)	Echinops ritro
Larinus orientalis Capiomont	Carthamus lanatus
Larinus planus (F.)	Carduus nutans
•	Carduus personatus
	Carduus pycnocephalus
	Centaurea bracteata
	Centaurea diffusa
	Centaurea jacea
	Centaurea solstitialis
	Cirsium arvense Cirsium creticum
	Cirsium rivulare
Larinus rusticanus Gyllenhal	Carthamus dentatus
Cynomia	Carthamus lanatus
	Centaurea solstitialis
	Cirsium arvense

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Larinus scolymi (Olivier)	Cynara cardunculus Cynara scolymus Onopordum tauricum
Larinus sibiricus Gyllenhal	Centaurea sp.
Larinus sp.	Carlina corymbosa Centaurea sp. Papaver rhoeas Papaver sp.
Larinus sturnus (Schaller)	Carduus macrocephalus Carduus micropterus Carduus nutans Carduus pycnocephalus Centaurea jacea Cirsium eriophorum Cirsium sp. Cirsium vulgare Silybum marianum
Larinus syriacus Gyllenhal	Carthamus dentatus Carthamus lanatus Carthamus sp. Carthamus tinctorius Centaurea sp.
Larinus turbinatus Gyllenhal	Carduus thoermeri Centaurea solstitialis Cirsium arvense Cirsium creticum Cirsium eriophorum Cirsium setosum Cirsium sp. Cirsium tuberosum Cirsium vulgare Onopordum tauricum
Larinus ursus (F.)	Carduus nutans Carlina corymbosa Carlina lanata Carlina vulgaris Centaurea solstitialis Scabiosa maritima

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
11150015	1 155 Celated II ceas

Larinus vulpes (Olivier) Echinops sp. *Leptomias stoliczkae* Faust Carduus edelbergii Limnobaris dolorosa (Goeze) Convolvulus arvensis Limobius borealis (Paykull) Geranium dissectum Liocleonus clathratus (Olivier) Tamarix smyrnensis Lissobaris sp. Atriplex halimus *Lixomorphus algirus* (L.) Carduus macrocephalus Carduus nutans Galactites tomentosa Rumex crispus Lixus albomarginatus Boheman Carduus nutans Rumex crispus *Lixus anguinus* (L.) Carduus macrocephalus Carduus nutans Chondrilla juncea Rumex crispus *Lixus angustatus* (F.) Carduus macrocephalus Carduus nutans Carduus pycnocephalus Centaurea solstitialis Cirsium vulgare Galactites tomentosa Onopordum sp. Silybum marianum Lixus astrachanicus Faust Chondrilla juncea Lixus cardui (Olivier) Carduus pycnocephalus Carduus thoermeri Carlina corvmbosa Galactites tomentosa Onopordum acanthium Onopordum illyricum Onopordum sp. Silybum marianum

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

sects	Associated weeds
Lixus filiformis (F.)	Carduus acanthoides Carduus macrocephalus Carduus nutans Carduus pycnocephalus Carduus thoermeri Centaurea diffusa Centaurea solstitialis Cirsium vulgare Galactites tomentosa Onopordum illyricum Onopordum sp. Papaver rhoeas Silybum marianum
Lixus furcatus (Olivier)	Cachrys ferulacea
Lixus iridis (Olivier)	Convolvulus arvensis Lythrum salicaria
Lixus junci Boheman	Carduus macrocephalu Carduus pycnocephalus Carduus tenuiflorus Glaucium flavum
Lixus myagri (Olivier)	Carduus nutans
Lixus punctiventris Boheman	Senecio erraticus Senecio jacobaea
Lixus rosenschoeldi Boheman	Chondrilla juncea
Lixus salsolae Becker	Salsola kali
Lixus sanguineus (Rossi)	Rumex crispus
Lixus scolopax Boheman	Centaurea diffusa Centaurea solstitialis Cirsium arvense
Lixus sp.	Carduus edelbergii Chondrilla juncea Rumex obtusifolius
Lixus speciosus Miller	Centaurea solstitialis Centaurea sp.

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects Associated weeds

Lixus vilis ? (Rossi)	Rumex crispus
Magdalis frontalis (Gyllenhal)	Carduus nutans
Mecaspis alternans (Herbst)	Carduus nutans
Mecaspis caesus (Gyllenhal)	Carduus macrocephalus
Mecinus janthinus (Germar)	Linaria vulgaris
Mecinus sp.	Papaver sp.
Megamecus sp.	Euphorbia sp.
Miarus graminis (Gyllenhal)	Cirsium vulgare
Miarus sp.	Carduus macrocephalus
Microlarinus lareynii (Jacquelin DuVal)	Tribulus terrestris
Microlarinus lypriformis (Wollaston)	Tribulus terrestris
Microplontus rugulosus (Herbst)	Papaver rhoeas
Microplontus subfasciatus (Chevrolat)	Carduus macrocephalus Carduus nutans
Mogulones beckeri (Schultze)	Carduus macrocephalus Carduus nutans
Mogulones geographicus (Goeze)	Papaver sp.
Mogulones javetii (Gerhardt)	Carduus macrocephalus Carduus nutans Carduus pycnocephalus
Mylacus sp.	Euphorbia cyparissias
Neoglocianus albovittatus (Germar)	Papaver rhoeas
Neoglocianus maculaalba (Herbst)	Convolvulus arvensis Papaver dubium Papaver hybridum Papaver rhoeas Papaver somniferum

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Neoglocianus transcaucasicus (Korotyaev)	Papaver orientale Papaver sp.
Neoplinthus porcatus (Herbst)	Euphorbia virgata
Neoplinthus tigratus (Rossi)	Euphorbia esula Euphorbia myrsinites
Notodermus sp.	Papaver sp.
Otiorhynchus alutaceus Germar	Convolvulus arvensis
Otiorhynchus anthracinus (Scopoli)	Carduus nutans
Otiorhynchus armatus Boheman	Carduus nutans Rumex crispus
Otiorhynchus cribricollis Gyllenhal	Rumex crispus Tamarix sp.
Otiorhynchus dalmatinus Stierlin	Rumex sp.
Otiorhynchus ovatus (L.)	Carduus nutans Centaurea maculosa Cirsium arvense Rumex crispus
Otiorhynchus pinastri ? (L.)	Galium mollugo
Otiorhynchus rhacusensis Germar	Centaurea solstitialis
Otiorhynchus rugosostriatus (Goeze)	Senecio erraticus
Otiorhynchus scaberrimus Stierlin	Carduus macrocephalus Carduus nutans
Otiorhynchus singularis (F.)	Carduus macrocephalus Carduus sp.
Otiorhynchus sp.	Papaver bracteatum Papaver orientale
Pachycerus cordiger (Germar)	Carduus macrocephalus
Pachytychius sparsutus (Olivier)	Carduus macrocephalus

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

· · · · · · · · · · · · · · · · · · ·	
Insects	ated weeds

Pachytychius squamosus (Gyllenhal)	Convolvulus arvensis
Pantomorus cervinus Boheman	Senecio jacobaea Tamarix sp.
Parethelcus pollinarius (Forster)	Urtica dioica
Peritelus flavipennis Jacquelin DuVal	Rumex crispus
Peritelus sphaeroides Germar	Rumex acetosa
Phrydiuchus spilmani Warner	Salvia argentea Salvia verbenaca
Phrydiuchus tau Warner	Salvia aethiopis
Phyllobius etruscus Desbrochers	Carduus nutans Cirsium vulgare Tamarix parviflora
Phyllobius maculicornis Germar	Carduus sp.
Phyllobius sp.	Rumex crispus
Phyllobius subdentatus Bach	Carduus nutans
Pissodes notatus (F.)	Carduus macrocephalus
Polydrusus armipes Brullé	Centaurea diffusa
Polydrusus marginatus Stephens	Isatis tinctoria
Polydrusus sp.	Convolvulus arvensis
Polydrusus tibialis Boheman	Cardaria draba
Pseudorchestes cinereus ? (Fåhraeus)	Centaurea solstitialis
Pseudorchestes pratensis (Germar)	Centaurea solstitialis
Pseudorchestes tomentosus? (Olivier)	Centaurea solstitialis
Rhinocyllus conicus (Frölich)	Carduus acanthoides Carduus macrocephalus Carduus micropterus

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Rhinocyllus conicus (Frölich) (continued)	Carduus nutans Carduus pycnocephalus Carduus thoermeri Cirsium arvense Cirsium sp. Galactites tomentosa Silybum marianum
Rhinocyllus oblongus Capiomont	Carduus sp. Centaurea solstitialis
Rhinoncus pericarpius (L.)	Rumex crispus Rumex obtusifolius Rumex sp.
Rhytideres plicatus (Olivier)	Carduus macrocephalus Rumex crispus
Sibinia attalica Gyllenhal	Carduus nutans Centaurea bracteata Centaurea caerulescens
Sibinia sp.	Cardaria draba
Sirocalodes depressicollis (Marsham)	Papaver rhoeas
Sirocalodes mixtus (Mulsant & Rey)	Papaver hybridum
Sitona discoideus Gyllenhal	Carduus macrocephalus Carduus nutans Centaurea solstitialis
Sitona gemellatus Gyllenhal	Carduus macrocephalus
Sitona gressorius (F.)	Carduus macrocephalus Carduus nutans Cirsium vulgare
Sitona humeralis Stephens	Carduus macrocephalus Centaurea solstitialis Cirsium arvense
Sitona intermedius Küster	Carduus macrocephalus Carduus nutans

Rumex crispus

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Sitona lepidus Gyllenhal Sitona limosus (Rossi) Sitona lineatus (L.)	Carduus macrocephalus Carduus macrocephalus Carduus nutans Convolvulus arvensis Carduus pycnocephalus Centaurea jacea
	Carduus nutans Convolvulus arvensis Carduus pycnocephalus
Sitona lineatus (L.)	Convolvulus arvensis Carduus pycnocephalus
Sitona lineatus (L.)	
	Centaurea jacea
	n · ·
	Rumex crispus
	Ѕенесіо јасоваеа
Sitona macularius (Marsham)	Carduus macrocephalus
,	Carduus nutans
	Rumex sp.
Sitona ophthalmicus (Rossi)	Carduus macrocephalus
(2222)	Carduus nutans
	Rumex crispus
Sitona puberulus Reitter	Carduus macrocephalus
r	Carduus nutans
	Rumex crispus
Sitona puncticollis Stephens	Carduus collinus
	Carduus nutans
	Euphorbia iberica
	Rumex crispus
	Senecio erraticus
Sitona sp.	Cirsium vulgare
	Cynara scolymus
	Echinops sphaerocephalus
	Onopordum tauricum
	Papaver sp.
	Salvia verbenaca
Sitona sulcifrons (Thunberg)	Carduus macrocephalus
Sitona suturalis Stephens	Convolvulus arvensis
Sitona verecundus (Rossi)	Carduus collinus
	Carduus macrocephalus
	Carlina corymbosa
Smicronyx jungermanniae (Reich)	Cuscuta sp.

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

sects	Associated weeds
Stenocarus cardui (Herbst)	Papaver rhoeas
Stenocarus ruficornis (Stephens)	Carduus macrocephalus Papaver hybridum Papaver rhoeas Papaver setigerum Papaver somniferum
Stephanocleonus nigrosuturatus (Goeze)	Aнchusa sp. Carduus nutans Salvia verbeнаса
Strophomorphus porcellus (Germar)	Carduus nutans Centaurea solstitialis Convolvulus arvensis Echinops sphaerocephalus Papaver sp.
Strophomorphus sp.	Papaver sp.
Styphlus penicillus Gyllenhal	Crupina vulgaris
Tanymecus palliatus (F.)	Convolvulus arvensis
Tanymecus sp.	Convolvulus arvensis
Trachyphloeus laticollis Boheman	Carduus macrocephalus Carduus nutans
Trichosirocalus baldensis (Schultze)	Convolvulus arvensis
Trichosirocalus horridus (Panzer)	Carduus macrocephalus Carduus nutans Carduus pycnocephalus Centaurea solstitialis Galactites tomentosa Onopordum sp. Papaver rhoeas
Trichosirocalus urens (Gyllenhal)	Carlina corymbosa
Tychius argentatus Chevrolat	Carthamus lanatus Centaurea solstitialis
Tychius cuprifer (Panzer)	Rumex obtusifolius

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds

Carthamus lanatus *Tychius picirostris* (F.) *Tychius quinquepunctatus* (L.) Carduus macrocephalus Cirsium arvense *Tychius* sp. Centaurea diffusa Ononis vaginalis Papaver rhoeas Dermestidae Anthrenus fuscus Olivier Onopordum acanthium Cardaria draba Anthrenus pimpinellae F. Euphorbia cyparissias Euphorbia salicifolia Anthrenus pimpinellae? F. Isatis tinctoria *Anthrenus scrophulariae* (L.) Cardaria draba Euphorbia salicifolia Euphorbia virgata Anthrenus verbasci (L.) Cardaria draba Attagenus fasciatus (Olivier) Cardaria draba Attagenus sp. Papaver rhoeas Attagenus unicolor (Brahm) Centaurea solstitialis Dermestes mustelinus Erichson Rumex crispus Dermestes sp. Carduus nutans Papaver rhoeas Genus sp. Tamarix sp. Globicornis sp. Tamarix sp. Elateridae Adrastus limbatus (F.) Convolvulus arvensis

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Agriotes sp.	Papaver rhoeas Rumex sp.
Agrypnus murinus (L.)	Carduus nutans
Ampedus sp.	Euphorbia salicifolia
Athous sp.	Euphorbia iberica
Cardiophorus discicollis ? (Herbst)	Cardaria draba
Cardiophorus nigerrimus? Erichson	Linaria sp.
Cardiophorus rufipes ? (Goeze)	Cardaria draba
Cardiophorus sp.	Cardaria draba Carduus nutans Carduus pycnocephalus
Drasterius bimaculatus (Rossi)	Rumex sp.
Genus sp.	Carduus macrocephalus Carduus nutans Centaurea solstitialis
Melanotus tenebrosus (Erichson)	Onopordum sp.
Hydrophilidae Cercyon sp.	Rumex sp.
·	Carduus macrocephalus
Genus sp. Megasternum obscurum (Marsham)	Cardius mitans
Lagriidae	
Lagria hirta (L.)	Carduus nutans Convolvulus arvensis Rumex crispus Salsola sp.

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects Associated weeds

Latridiidae

Corticaria sp. Centaurea maculosa

Cirsium arvense

Rumex sp.

Corticaria? sp. Tamarix sp.

Enicmus transversus (Olivier) Rumex crispus

Genus sp. Rumex crispus

Meloidae

Alosimus armeniacus (Faldermann) Cardaria draba

Alosimus syriacus (L.) Cardaria draba

Cerocoma rapilyi ? Pardo Cardaria draba

Coryna scabiosae (Olivier) Linaria sp.

Lydus trimaculatus italicus Kaszab Carduus pycnocephalus

Meloe sp. Convolvulus arvensis

Mylabris quadripunctata (L.) *Linaria* sp.

Mylabris variabilis (Pallas) Carduus thoermeri

Oenas tenuicornis Abeille Cardaria draba

Zonitis sp. Centaurea solstitialis

Melyridae

Aplochemus sp. Convolvulus arvensis

Linaria sp.

Attalus sp. Centaurea napifolia

Centaurea repens Linaria vulgaris

Axinotarsus sp. Cardaria draba

Convolvulus arvensis

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Associated weeds

Insects

Chloropus concolor ? (F.)	Carduus nutans
Colotes sp.	Linaria sp.
Danacaea sp.	Cardaria draba Centaurea calcitrapa
Danacaea ? sp.	Linaria sp. Linaria vulgaris
Dasytes mulsanti? Schilsky	Carthamus tinctorius
Dasytes sp.	Cardaria draba
Divales bipustulatus (F.)	Carduus nutans Centaurea caerulescens
Divales sp.	Centaurea caerulescens
Enicopus hirtus (L.)	Carduus nutans
Enicopus parnassi? Kiesenwetter	Isatis tinctoria
Enicopus pilosus (Scopoli)	Carduus nutans
Genus sp.	Convolvulus althaeoides Papaver setigerum Tamarix sp.
Malachius aeneus (L.)	Tamarix sp.
Malachius bipustulatus L.	Convolvulus arvensis Papaver orientale
Malachius sp.	Cardaria draba Carduus nutans Convolvulus arvensis Isatis tinctoria Papaver rhoeas Tamarix sp.
Malachius spinipennis Germar	Centaurea solstitialis
Malthinus sp.	Centaurea nicaensis Linaria sp.

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects Associate Associat	ted weeds
--	-----------

Melyris? sp. Cardaria draba

Psilothrix cyaneus (Olivier) Papaver rhoeas

Psilothrix sp. Cardaria draba

Carduus macrocephalus

Carduus medius Carduus nutans

Carduus pycnocephalus Centaurea sphaerocephala

Convolvulus arvensis Papaver rhoeas

Psilothrix viridicoeruleus (Fourcroy) Centaurea solstitialis

Mordellidae

Anaspis sp. Cytisus scoparius

Euphorbia cyparissias

Mordellistena episternalis? Mulsant Carduus nutans

Mordellistena pumila (Gyllenhal) Centaurea solstitialis

Mordellistena sp. Cardaria draba

Centaurea nicaensis Centaurea solstitialis Convolvulus arvensis

Isatis tinctoria

Mycetophagidae

Berginus sp. Carduus nutans

Mycteridae

Mycterus tibialis Küster Euphorbia seguierana

Nitidulidae

Brachypterolus pulicarius (L.)

Linaria dalmatica

Linaria fastigiata Linaria genistifolia Linaria kurdica Linaria lineolata

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Insects	A SCOCIATED WEEDS
Insects	2 x 3 3 0 Clated W Cous

Brachypterolus pulicarius (L.) (continued)	Linaria sp. Linaria vulgaris
Brachypterus glaber Stephens	Rumex crispus
Brachypterus urticae (F.)	Papaver orientale
<i>Epurea</i> sp.	Cirsium arvense
Meligethes aeneus (F.)	Cardaria draba Euphorbia cyparissias Euphorbia salicifolia
Meligethes corvinus Erichson	Cardaria draba
Meligethes erythropus? (Marsham)	Centaurea solstitialis
Meligethes hypocrita? Bristowe	Cardaria draba
Meligethes incanus Sturm	Centaurea maculosa Salvia aethiopis
Meligethes nigrescens Stephens	Cardaria draba
Meligethes pedicularius (Gyllenhal)	Salvia aethiopis
Meligethes planiusculus ? (Heer)	Cardaria draba
Meligethes rotundicollis C. Brisout	Cardaria draba
Meligethes solidus Kugelann	Convolvulus arvensis
Meligethes sp.	Cardaria draba Carduus acanthoides Carduus nutans Cirsium arvense Convolvulus arvensis Papaver rhoeas Rumex crispus
demeridae	

Centaurea solstitialis Convolvulus arvensis

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
---------	------------------

Oedemera podagrariae L. Onopordum sp.

Oedemera sp. Convolvulus arvensis

Galactites tomentosa

Convolvulus althaeoides Isatis tinctoria

Orthoperidae

Oedemera virescens L.

Sacium sp. Rumex crispus

Phalacridae

Genus sp. Convolvulus arvensis

Euphorbia cyparissias

Tamarix sp.

Olibrus affinis (Sturm)

Rumex crispus

Rumex obtusifolius

Olibrus bicolor ? (F.)

Rumex crispus

Olibrus bisignatus (Ménétries) Carduus macrocephalus

Carduus nutans

Olibrus bisignatus? (Ménétries) Rumex crispus

Olibrus corticalis (Panzer) Senecio jacobaea

Olibrus sp. Cardaria draba

Carduus macrocephalus

Carduus nutans Convolvulus arvensis

Rumex sp. Salsola sp.

Phalacrus sp. Cardaria draba

Stilbus sp. Convolvulus arvensis Euphorbia salicifolia

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Pselaphidae <i>Reichenbachia</i> sp.	Rumex obtusifolius
Ptiliidae Genus sp.	Salsola sp.
Ptinidae Genus sp.	Euphorbia sp.
Ptinus sp.	Euphorbia esula
Ptimus subpilosus? Sturm	Centaurea solstitialis
Ptinus villiger Reitter	Centaurea cineraria
Rhynchophoridae Sitophilus oryzae (L.)	Carduus nutans Carduus pycnocephalus Centaurea bracteata Centaurea solstitialis

Cynara scolymus

Papaver rhoeas

Scara	baeidae	
O CHE I	DHUMBER	~

Anoxia sp.

Sitophilus sp.

Amphicoma sp.	Cardaria draba Onopordum sp.
Amphicoma vulpes (F.)	Cardaria draba

Anomala sp.	Cardaria draba

Aphodius sp.	Carduus macrocephalus
	Carduus nutans
	Rumex crispus

Cetonia aurata (L.)	Cardaria draba
	Carduus nutans
	Papaver rhoeas

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Chasmatopterus sp.	Convolvulus arvensis
Glaphyrus sp.	Onopordum sp.
Netocia morio (F.)	Carduus macrocephalus Carduus nutans Centaurea solstitialis
Oxythyrea cinctella (Schaum)	Cardaria draba Carduus thoermeri Euphorbia seguierana Linaria sp.
Oxythyrea funesta (Poda)	Carduus nutans Centaurea solstitialis Convolvulus arvensis
Oxythyrea sp.	Carduus edelbergii
Pleurophorus caesus (Creutzer)	Rumex crispus
Potosia cuprea (F.)	Papaver somniferum
Protaetia sp.	Centaurea solstitialis
Rhizotrogus ciliatus Reiche	Rumex crispus
Thorectes intermedius (Costa)	Carduus nutans
Tropinota hirta (Poda)	Cardaria draba Carduus nutans Carduus pycnocephalus Convolvulus althaeoides Papaver rhoeas
Tropinota squalida (Scopoli)	Carduus nutans Carduus pycnocephalus Carduus thoermeri
Valgus hemipterus (L.)	Cardaria draba Carduus nutans Tamarix sp.

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Scolytidae Phloeophthorus rhododactylus (Marsham)	Cytisus scoparius
Thamnurgus euphorbiae Küster	Euphorbia characias Euphorbia cyparissias
Scraptiidae Anaspis regimbarti Schilsky	Rumex crispus
Anaspis sp.	Cytisus scoparius Euphorbia cyparissias Papaver setigerum
Silphidae Silpha obscura L.	Rumex crispus
Silpha sp.	Carduus nutans
Staphylinidae Genus sp.	Cardaria draba Carduus nutans Linaria sp. Rumex sp. Tamarix sp.
Oxytelus sp.	Cardaria draba
Paederus sp.	Rumex crispus
Philontus concinnus (Gravenhorst)	Rumex sp.
Quedius sp.	Rumex crispus
Stenus sp.	Rumex obtusifolius
Tachyporus hypnorum (L.)	Rumex crispus

Rumex sp.

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Tenebrionidae

Gonocephalum pusillum (F.) Cardaria draba

Convolvulus arvensis

Rumex crispus

Pedinus femoralis (L.) Rumex crispus

Pimelia sp. Convolvulus arvensis

Stenosis angustata (Herbst) Convolvulus arvensis

Rumex crispus

COLLEMBOLA

Sminthuridae

Sminthurus viridis L. Convolvulus arvensis

DERMAPTERA

Forficulidae

Anechus bipunctatus (F.)

Papaver bracteatum

Forficula auricularia L. Cardaria draba

Carduus macrocephalus

Carduus nutans

Forficula pubescens? Gené Rumex crispus

Forficula sp. Centaurea solstitialis

Genus sp. Tamarix sp.

DICTYOPTERA

Blattellidae

Blattaria sp. Carduus nutans

Ectobius pallidus (Olivier) Carduus nutans

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

T 4	A
Insects	Associated weeds

DIPTERA

Agromyzidae Agromyza apfelbecki Srobl	Cynara scolymus
Agromyza nigrescens Hendel	Geranium dissectum
Genus sp.	Centaurea solstitialis Orobanche sp. Senecio erraticus
Hylemya pullula (Zettersted)	Ѕенесіо јасоваеа
Liriomyza latigenis (Hendel)	Ѕенесіо јасоваеа
Liriomyza sp.	Cardaria draba Papaver pseudoorientale
Liriomyza strigata (Meigen)	Senecio erraticus
Melanagromyza aeneiventris (Fallén)	Cirsium arvense Senecio jacobaea
Melanagromyza albocilia Hendel	Convolvulus arvensis
Melanagromyza cirsii (Rondani)	Carduus edelbergii
Melanagromyza dettmeri Hering	Senecio erraticus
Melanagromyza eupatorii Spencer	Ѕенесіо јасоваеа
Melanagromyza trifolii? Spencer	Senecio erraticus Senecio jacobaea
Napomyza lateralis (Fallén)	Carduus macrocephalus
Ophiomyia senecionina Hering	Senecio jacobaea
Phytomyza atricornis Meigen	Linaria genistifolia Linaria vulgaris Senecio doria Senecio elegans Senecio jacobaea Senecio vulgaris

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds

Phytomyza horticola Goureau Cardaria draba Papaver rhoeas

Papaver rnoeds Papaver setigerum Papaver somniferum

Phytomyza horticola? Goureau Centaurea napifolia

Sphaerophoria rueppelli Wiedemann Senecio jacobaea

Anthomyiidae

Anthomyza gracilis Fallén Centaurea jacea

Craspedochaeta pullula (Zettersted) Rumex crispus

Delia platura (Meigen) Centaurea diffusa

Genus sp. Euphorbia cyparissias

Hylemya brassicae (Wiedemann) Senecio jacobaea

Hylemya cinerella (Fallén)

Anethum graveolens
Cardaria draba

Senecio jacobaea

Hylemya coarctata (Fallén) Senecio jacobaea

Hylemya platura (Meigen) Cardaria draba Senecio jacobaea

Hylemya pullula (Zettersted) Matricharia inodora

Hylemya radicum (L.)

Anethum graveolens

Carthamus tinctorius Senecio jacobaea

Hylemya seneciella (Meade)

Rumex acetosa

Senecio jacobaea

Hylemya sp. Cardaria draba Tamarix sp.

Onopordum acanthium

Onopordum sp.

Hylemya spinosa Rondani

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Hylemya variata (Fallén)	Cardaria draba
Pegomya bicolor (Wiedemann)	Rumex crispus
Pegomya sp.	Euphorbia esula
Pegomya terebrans (Rondani)	Carduus macrocephalus
Scatophaga stercoraria (L.)	Cardaria draba
Asilidae Genus sp.	Carduus macrocephalus
Bibionidae Bibio hortulanus (L.)	Cardaria draba
Genus sp.	Cardaria draba
Bombyliidae Genus sp.	Centaurea solstitialis
Calliphoridae Bufolucilia silvarum (Meigen)	Senecio jacobaea
Orthellia caesarion (Meigen)	Tamarix sp.
Pollenia rudis (F.)	Carduus nutans Carduus pycnocephalus
Pollenia sp.	Centaurea solstitialis
Sarcophaga sp.	Centaurea jacea
Cecidomyidae Dasineura papaveris? Winnertz	Papaver rhoeas
Dasineura salicariae (Kieffer)	Lythrum salicaria
Dasineura sp.	Chondrilla juncea Funhorbia esula

Euphorbia esula

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Insects	Associated weeds

Diodalus linariae (Winnertz)

Linaria vulgaris

Jaapiella cirsiicola (Rubsaamen) Cirsium vulgare

Lestodiplosis cirsii Barnes Cirsium vulgare

Psectrosema sp. Tamarix smyrnensis

Tamarix sp.

Spurgia capitigena (Bremi) Euphorbia cyparissias

Spurgia capitigena? (Bremi) Euphorbia cyparissias

Spurgia esulae Gagné Euphorbia esula

Spurgia sp. Euphorbia esula

Euphorbia iberica Euphorbia paralias

Chamaemyiidae

Genus sp. *Centaurea solstitialis*

Leucopis sp. Cardaria draba

Centaurea nicaensis

Linaria sp.
Papaver rhoeas

Chironomidae

Chironomus sp. Carduus nutans

Cricotopus sp. Cardaria draba

Genus sp. Cardaria draba

Tamarix sp.

Chloropidae

Oscinella frit? (L.)

Meromyza sp. Rumex sp.

Oscinella frit (L.) Convolvulus arvensis

Cardaria draba Carduus nutans Centaurea jacea

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Oscinella sp.	Linaria genistifolia Linaria vulgaris
Polyodaspis ruficornis (Macquart)	Carduus nutans Centaurea jacea Centaurea scabiosa
Thaumatomyia notata (Meigen)	Cardaria draba
Thaumatomyia sulcifrons (Becker)	Cardaria draba
Culicidae Aedes sp.	Cardaria draba
Dolichopodidae Genus sp.	Cardaria draba Papaver orientale Rumex sp.
Metedeterus sp.	Tamarix sp.
Orthochile sp.	Cardaria draba
Sciaphus pallens (Wiedemann)	Rumex crispus Rumex sp.
Thrypticus sp.	Cardaria draba
Drosophilidae Drosophila funebris (F.)	Cynara scolymus
Drosophila sp.	Citrus aurantium
Scatomyza pallida (Zettersted)	Cardaria draba
Scatomyza sp.	Cardaria draba Euphorbia seguierana
Empididae	
Drapetis sp.	Tamarix sp.

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Microphorus sp.	Tamarix sp.
Platypalpus sp.	Linaria grandiflora Tamarix sp.
Ephydridae Allotrichoma sp.	Cardaria draba
Hydrellia sp.	Cardaria draba
Notiphila cinerea (Fallén)	Cardaria draba
Scatella paludum Meigen	Cardaria draba
Scatophila sp.	Rumex crispus
Heleomyzidae Acanthorellia cineraria (Loew)	Cardaria draba
Tephrochlamys rufiventris (Meigen)	Cardaria draba
Larvaevoridae Exorista segregata (Rondani)	Euphorbia seguierana Euphorbia sp.
Exorista sp.	Euphorbia seguierana
Genus sp.	Euphorbia sp.
Lauxaniidae Calliopum aeneum (Fallén)	Cardaria draba
Lyciella sp.	Carduus macrocephalus
Minettia plumicornis (Fallén)	Tamarix sp.

Cardaria draba

Sapromyza transcaucasica Caernu

Insects	Associated weeds	
Lonchopteridae <i>Lonchoptera fuscata</i> (Fallén)	Cardaria draba	
Lonchopicra juscula (Lanch)	Centaurea nicaensis	
Micropezidae		
Micropeza nigra Loew	Cardaria draba	
Milichidae	Tanaguin an	
Desmometopam-nigrum (Zettersted)	Tamarix sp.	
Meoneura lacteipennis (Fallén)	Cardaria draba	
Muscidae		
Fannia sp.	Senecio jacobaea	
Musca autumnalis DeGeer	Carduus nutans	
Muscina stabularis (Fallén)	Onopordum sp.	
Phaonia sp.	Onopordum sp.	
Sarcophaga balanina Pandellé	Tribulus terrestris	
Opomyiidae Geomyza tripunctata (Fallén)	Carduus nutans	
(and)		
Otitidae Dorycera hybrida Loew	Cardaria draba	
Genus sp.	Carduus nutans	
4	Centaurea solstitialis	
Melieria cana Loew	Cardaria draba	

Otites caph Loew

Otites lamed Schrank

Cardaria draba

Cardaria draba

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Phoridae

Diploneura nitidula (Meigen) Euphorbia salicifolia

Megaselia sp. Carduus nutans

Phora sp. Cirsium arvense

Piophilidae

Piophila sp. Cardaria draba

Platystomatidae

Platystoma gemmationis (Rondani) Carduus nutans

Platystoma nigriventre Haliday Cardaria draba

Psilidae

Psila sardoa Rondani Carduus macrocephalus

Rhagionidae

Genus sp. Rumex crispus

Senecio jacobaea

Rhinophoridae

Stevenia sp. Carduus thoermeri

Sarcophagidae

Sarcophaga sp. Abutilon theophrasti

Senecio sp.

Scatophagidae

Norellia spinimana (Fallén) Rumex crispus

Rumex sp.

Sciaridae

Bradysia sp. Carduus nutans

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Sciomyzidae Pherbellia cinerella (Fallén)	Rumex sp.
Sepsidae Genus sp.	Papaver orientale
Sepsis fulgens Meigen	Cardaria draba
Sepsis horticola Goureau	Cardaria draba
Sepsis punctum (F.)	Cardaria draba
Sepsis sp.	Carduus nutans
Sepsis violacea Meigen	Cardaria draba
Simuliidae Genus sp.	Centaurea solstitialis
Sphaeroceridae Coptomyza equina (Fallén)	Cardaria draba
Genus sp.	Papaver bracteatum
Leptocera sp.	Cardaria draba Linaria genistifolia
Stratiomyidae Chloromyia formosa (Scopoli)	Carduus pycnocephalus Convolvulus arvensis
Lasiopa temuirostris (Loewe)	Centaurea solstitialis
Nemotelus sp.	Cardaria draba Linaria sp.
Syrphidae Cheilosia corydon (Harris)	Carduus acanthoides
	Carduus macrocephalus Carduus nutans

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
•	
Cheilosia cynocephala Loew	Carduus sp.
Cheilosia sp.	Euphorbia cyparissias
Eristalis arbustorum (L.)	Carduus nutans
Eristalis tenax (L.)	Carduus macrocephalus
Eumerus sp.	Senecio jacobaea
Genus sp.	Limoniastrum monopetalum Salsola sp.
Heliophilus trivittatus (F.)	Carduus nutans
Paragus quadrifasciatus (Meigen)	Carduus nutans
Paragus sp.	Linaria sp.
Sphaerophoria rueppelli (Wiedemann)	Cardaria draba Carduus nutans
Sphaerophoria sp.	Papaver setigerum
Tabanidae Genus sp.	Centaurea solstitialis
Tachinidae Bigonicheta spinipennis (Meigen)	Carduus nutans
Bithia modesta (Meigen)	Rumex crispus Rumex sp.
Bithia sp.	Centaurea diffusa
Exorista larvarum (L.)	Abutilon theophrasti Rumex obtusifolius
Exorista segregata (Rondani)	Euphorbia seguierana Euphorbia sp.
Exorista sp.	Euphorbia seguierana

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

sects	Associated weeds
Conva on	Eurhorbig en
Genus sp.	Euphorbia sp. Linaria dalmatica
Gonia sp.	Cardaria draba
Isomera cinerascens (Rondani)	Convolvulus arvensis Rumex crispus
Masicera sphingivora (Robineau-Desvoidy)	Euphorbia stepposa
Nemorilla floralis (Fallén)	Convolvulus arvensis
Phytomyptera nigrina (Meigen)	Carduus sp.
Strobliomyia tibialis (Robineau-Desvoidy)	Convolvulus arvensis
Triarthria setipennis (Fallén)	Rumex crispus
Voria ruralis (Fallén)	Carduus sp. Cynara cardunculus
Zeuxia nigripes (Meigen)	Carduus sp.
Zophomya temula (Scopoli)	Cardaria draba
ohritidae	
Acanthiophilus helianthi (Rossi)	Cardaria draba
	Carduus collinus Carduus macrocephalus
	Carduus macrocepnarus Carduus nutans
	Carduus pycnocephalus
	Carthamus lanatus
	Carthamus tinctorius
	Centaurea bracteata
	Centaurea caerulescens
	Centaurea calcitrapa
	Centaurea jacea
	Centaurea maculosa
	Centaurea napifolia
	Centaurea nicaensis
	Contaurea reneus

Centaurea repens Centaurea solstitialis Crupina vulgaris Cynara scolymus

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Accepthiophilus on 1	Centaurea solstitialis
Acanthiophilus sp. 1	Cemaurea soisinians
Acanthiophilus sp. 2	Centaurea solstitialis
Chaetorellia australis Hering	Centaurea solstitialis
Chaetorellia carthami? Stackelberg	Centaurea solstitialis
Chaetorellia hexachaeta (Loew)	Centaurea solstitialis
Chaetorellia jaceae Robineau-Desvoidy	Carduus nutans Carduus thoermeri
Chaetorellia sp.	Carthamus tinctorius Centaurea solstitialis
Chaetorellia succinea (Costa)	Centaurea solstitialis
Chaetostomella cylindrica (Robineau-Desvoidy)	Centaurea solstitialis
Chaetostomella onotrophes (Loewe)	Centaurea jacea Centaurea nigra Centaurea phrygia Cirsium arvense
Ensina sonchi (L.)	Chondrilla juncea
Genus sp.	Carthamus lanatus Centaurea solstitialis Galactites tomentosa Lactuca viminea
Orellia colon (Meigen)	Centaurea scabiosa
Orellia colon? (Meigen)	Carthamus tinctorius
Orellia lappae (Wiedemann)	Onopordum sp.
Oxyna nebulosa (Wiedemann)	Senecio jacobaea
Paroxyna tessellata? (Loew)	Senecio jacobaea
Sphenella marginata (Fallén)	Senecio erraticus Senecio jacobaea

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects

Associated weeds

Tephritis bardanae (Schrank)	<i>Lappa</i> sp. <i>Limoniastrum</i> sp.
Tephritis heiseri Frauenfeld	Carduus edelbergii
Tephritis postica (Loewe)	Onopordum acanthium Onopordum sp. Onopordum tauricum
Tephritis sp.	Carduus nutans Carduus thoermeri Carduus uncinatus
Terellia fuscicornis (Loewe)	Cynara scolymus
Terellia longicauda (Meigen)	Cirsium vulgare
Terellia serratulae (L.)	Carduus nutans Carduus thoermeri
Terellia sp.	Centaurea solstitialis
Terellia uncinata White	Centaurea solstitialis
Terellia virens (Loew)	Centaurea solstitialis
Trupanea stellata (Füssly)	Cardaria draba Senecio jacobaea
Urophora affinis (Frauenfeld)	Centaurea jacea Centaurea maculosa
Urophora cuspidata (Meigen)	Centaurea scabiosa
Urophora jaculata Rondani	Centaurea solstitialis
Urophora quadrifasciata (Meigen)	Carduus nutans Centaurea calcitrapa Centaurea jacea Centaurea maculosa Centaurea solstitialis
Urophora quadrifasciata? (Meigen)	Centaurea bracteata Centaurea jacea Centaurea nicaensis

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
insects	Associated weeds

Llumbour sinus rang (Haring)	Cantonna a salatiti alia
Urophora sirunaseva (Hering)	Centaurea solstitialis
Urophora solstitialis (L.)	Carduus macrocephalus Carduus medius Carduus nutans Carduus thoermeri Carduus vivariensis
Urophora sp.	Carduus micropterus Carduus nutans Carduus uncinatus Centaurea diffusa Centaurea maculosa
Urophora stylata (F.)	Carduus macrocephalus Carduus nutans Cirsium arvense Cirsium creticum Cirsium vulgare
Urophora sybinata (Rondani)	Carduus nutans
Urophora terebrans Loewe	Onopordum sp.
Xyphosia miliaris? (Schrank)	Carduus macrocephalus Carduus nutans
Xyphosia sp.	Carduus macrocephalus
ethinidae	
Tethina incisuralis (Mayr)	Cardaria draba
ipulidae	
Nephrotoma crocata (L.)	Rumex sp.
Nephrotoma maculata (Meigen)	Cardaria draba
rixoscelidae	
Trixoscelis frontalis (Fallén)	Cardaria draba Tamarix sp.

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Trixoscelis obscurella (Fallén)	Cardaria draba Tamarix sp.
EPHEMEROPTERA	
Baetidae Pseudocloeon sp.	Cardaria draba
HEMIPTERA	
Alydidae Micrelytra fossularum (Rossi)	Rumex sp.
Anthocoridae Anthocoris nemorum (L.)	<i>Linaria</i> sp.
Cardiastethus nazarenus Reuter	Rumex crispus Rumex obtusifolius
Cardiastethus pseudococci Wagner	Tamarix sp.
Orius minutus (L.)	Cuscuta sp. Rumex sp.
Orius niger Wolff	Cardaria draba
Berytidae Berytinus sp.	Scrophularia canina
Metacanthus meridionalis (Costa)	Lythrum salicaria
Cercopidae Philaenus spumarius (L.)	Senecio erraticus
Cimicidae Strobilotoma typhaecorne (F.)	Scrophularia canina

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Coreidae

Bathysolen nubilus (Fallén) Rumex sp.

Coreus marginatus (L.) Rumex crispus

Rumex obtusifolius Scrophularia canina

Coriomeris scabricornis (Panzer) Carduus thoermeri

Enoplops disciger (Kolenati) Linaria sp.

Genus sp. Silybum marianum

Syromastes marginatus (L.) Onopordum sp.

Cydnidae

Geotomus punctulatus (Costa) Rumex sp.

Lygaeidae

Aoploscelis bivirgatus (Costa) Rumex sp.

Beosus maritimus (Scopoli) Rumex sp.

Brachyplax palliata (Costa)

Papaver rhoeas

Cymus glandicolor Hahn Linaria vulgaris

Emblethis sp. Rumex sp.

Genus sp. *Centaurea solstitialis*

Convolvulus arvensis

Convolvulus sp. Rumex sp.

Geocoris megacephalus (Rossi) Rumex sp.

Geocoris siculus (Fieber) Salsola sp.

Geocoris sp. Rumex crispus

Rumex obtusifolius

Heterogaster urticae (F.) Scrophularia canina

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Lygaeosoma sardae Spinola	Centaurea diffusa
Nysius ericae (Schilling)	Cardaria draba
Nysius graminicola (Kolenati)	Rumex crispus Rumex obtusifolius
Oxycarenus hyalinipennis (Costa)	Abutilon theophrasti
Oxycarenus pallens (Herrich-Schäffer)	Centaurea solstitialis
Oxycarenus pallens? (Herrich-Schäffer)	Centaurea deusta
Perithechus sp.	Rumex crispus Rumex obtusifolius
Piocoris erythrocephala (Le Peletier & Serville)	Rumex sp.
Plinthisus brevipennis (Latreille)	Rumex sp.
Rhyparochromus sp.	Rumex sp.
Scolopestethus decoratus (Hahn)	Rumex sp.
Sphragisticus nebulosus (Fallén)	Salvia virgata
Stygnocoris fuligineus (Fourcroy)	Rumex sp.
Miridae	
Adelphocoris lineolatus (Goeze)	Euphorbia esula Euphorbia sp. Linaria sp.
Adelphocoris sp.	Linaria sp.
Adelphocoris vandalicus (Rossi)	Centaurea solstitialis
Alleonotus fulvipes (Scopoli)	Linaria sp.
Brachycoleus decolor Reuter	Linaria sp.
Calocoris norvegicus (Gmelin)	Papaver rhoeas
Calocoris pilicornis (Panzer)	Euphorbia sp.

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
---------	------------------

Cardaria draba Calocoris sp. Criocoris crassicornis (Hahn) Galium mollugo Deraeocoris punctulatus (Fallén) Centaurea solstitialis Euphorbia esula Euphorbia sp. Deraeocoris schach (F.) Onopordum tauricum *Dicyphus errans* (Wolff) Abutilon theophrasti Genus A sp. Centaurea solstitialis Convolvulus arvensis Genus B sp. Centaurea solstitialis Convolvulus arvensis Centaurea solstitialis Genus C sp. Genus sp. Carduus macrocephalus Carduus nutans Linaria sp. *Lygus pratensis* (L.) Linaria sp. Lygus rugulipennis Poppius *Linaria* sp. *Megalodactylus maculatus* (Mulsant & Rey) Tamarix sp. Oncotylus viridiflavus (Goeze) Papaver orientale Paredrocoris pectoralis Reutzer Euphorbia sp. *Phytocoris* sp. Onopordum tauricum Polymerus sp. Linaria sp. *Tuponia hyppophaes* (Meyer) Tamarix sp. Tuponia sp. Tamarix sp. Tuponia tamarisci (Perris) Tamarix sp.

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Nabidae	Condenie duebe
Nabis sp.	Cardaria draba
Nabis viridis Brullé	Tamarix sp.
Pentatomidae	
Aelia acuminata (L.)	Convolvulus arvensis
Aelia rostrata (Boheman)	Cardaria draba
Aelia sp.	Carduus nutans Centaurea repens Linaria dalmatica
Ancyrosoma leucogrammes (Gmelin)	Scrophularia canina
Carpocoris fuscispinus Boheman	Papaver orientale Papaver sp.
Carpocoris mediterraneus Tamanini	Carduus thoermeri Convolvulus arvensis Isatis tinctoria Linaria sp. Silybum marianum
Carpocoris pudicus (Poda)	Centaurea solstitialis Linaria sp. Onopordum sp.
Carpocoris purpureipennis (DeGeer)	Cardaria draba Carduus nutans
Carpocoris sp.	Centaurea solstitialis
Chlorochloa sp.	Glaucium sp.
Codophila lunulata (Goeze)	Linaria sp.
Dolycoris baccarum (L.)	Carduus nutans Cynara scolymus Linaria sp. Onopordum sp. Tamarix sp.

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

sects	Associated weeds
Dolycoris sp.	Scrophularia canina
Dryoderes umbraculatus (F.)	Convolvulus arvensis
Eurydema oleraceum (L.)	Cardaria draba Convolvulus arvensis Rumex sp.
Eurydema ornatum (L.)	Centaurea solstitialis Isatis tinctoria Linaria dalmatica
Eurydema sp.	Cardaria draba Carduus nutans Carduus pycnocephalus
Eurydema ventrale Kolenati	Cardaria draba Carduus nutans Carduus thoermeri Rumex crispus
Eurygaster maura (L.)	Linaria sp.
Eurysarcoris inconspicuus (Herrich-Schäffer)	Linaria sp.
Genus sp.	Centaurea solstitialis Cirsium arvense Convolvulus arvensis
Graphosoma lineatum (L.)	Onopordum sp.
Holcostethus sp.	Centaurea repens
Holcostethus strictus (F.)	Convolvulus arvensis Linaria vulgaris
Nezara viridula (L.)	Convolvulus arvensis Cynara scolymus Linaria dalmatica
Palomena prasina (L.)	Onopordum sp.
ymatidae Phymata crassipes ? (F.)	Scrophularia canina

Insects	Associated weeds
Pyrrhocoridae	
Genus sp.	Carduus macrocephalus Centaurea calcitrapa Papaver rhoeas
Pyrrhocoris apterus (L.)	Papaver bracteatum Rumex crispus Rumex obtusifolius
Reduvidae Rhinocoris iracundus (Poda)	<i>Linaria</i> sp.
Rhopalidae Corizus hyoscyami (L.)	Euphorbia esula Euphorbia sp. Linaria sp.
Liorhyssus hyalinus (F.)	Papaver sp.
Rhopalus sp.	Linaria sp.
Spilostethus equestris (L.)	<i>Linaria</i> sp.
Spilostethus saxatilis (Scopoli)	<i>Linaria</i> sp.
Stictopleurus punctatonervosus (Goeze)	Cirsium arvense
Stenocephalidae Dicranocephalus agilis (Scopoli)	Euphorbia cyparissias
Dicranocephalus albipes (F.)	Euphorbia cyparissias Euphorbia esula Euphorbia iberica Euphorbia platyphyllos Euphorbia seguierana Euphorbia virgata

Dicranocephalus medius (Mulsant & Rey)

Genus sp.

Carduus macrocephalus

Euphorbia virgata

Euphorbia sp. Euphorbia virgata

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Tingidae

Dictyla echii (Schrank)

Linaria sp.

Genus sp. *Centaurea solstitialis*

Echinops sp.

Oncochila simplex (Herrich-Schäffer) Euphorbia esula

Euphorbia lucida

Piesma salsolae (Becker) Salsola kali

Tingis ampliata? Herrich-Schäffer Carduus acanthoides

Carduus pycnocephalus

Tingis cardui (L.) Carduus acanthoides

Carduus nutans

Carduus pycnocephalus Carduus tenuiflorus

Tingis rotundicollis (Jakovlev) Centaurea solstitialis

Tingis sp. Carduus nutans
Carduus thoermeri

HOMOPTERA

Aphididae

Aphis euphorbiae? Kaltenbach Euphorbia esula

Aphis terricola Rondani Centaurea solstitialis

Aulacorthum solani (Kaltenbach) Convolvulus arvensis

Aulacorthum speyeri Börner Convolvulus arvensis

Brachyunguis tamaricis (Lichtenstein) Tamarix ramosissima

Dactynotus sp. Centaurea solstitialis

Genus sp. Linaria sp.

Papaver dubium Papaver rhoeas Papaver setigerum

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Macrosiphum euphorbiae (Thomas)	Convolvulus arvensis
Myzus persicae Sulzer	Convolvulus arvensis
Cercopidae Cercopis sanguinolenta (Scopoli)	Cardaria draba Carduus nutans Carduus pycnocephalus Convolvulus arvensis Isatis tinctoria Rumex crispus
Cercopis sp.	Silybum marianum
Cercopis vulnerata (Panzer)	Onopordum tauricum
Genus sp.	Convolvulus arvensis
Handianus sp.	Centaurea repens
Lepyronia coleoptrata (L.)	Cardaria draba
Neophilaenus campestris (Fallén)	Papaver rhoeas
Philaenus spumarius (L.)	Cardaria draba Carduus nutans Carduus pycnocephalus Centaurea solstitialis Cirsium arvense Convolvulus arvensis Isatis tinctoria Onopordum tauricum Papaver rhoeas Papaver setigerum
Cicadellidae Anaceratagallia sp.	Rumex obtusifolius Rumex sp.
Anoplotettix fuscovenosus (Ferrari)	Papaver hybridum
Aphrodes bicinctus (Schrank)	Rumex sp.

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds

Aphrodes sp. Papaver orientale Rumex sp. Cicadella hyalina? (F.) *Linaria* sp. Cicadella viridis (L.) Cardaria draba Carduus nutans Convolvulus arvensis Rumex sp. Circulifer opacipennis (Lethierry) Cardaria draba Circulifer sp. Papaver orientale Deltocephalus sp. Centaurea repens Diplocolenus sp. Papaver orientale Eupelix cuspidata (F.) Cardaria draba Euscelis sp. Cardaria draba Carduus nutans Convolvulus arvensis Genus sp. Euphorbia sp. Papaver rhoeas Rumex sp. Goniagnathus brevis (Herrich-Schäffer) Carduus nutans Hephatus nanus (Herrich-Schäffer) Centaurea calcitrapa Centaurea sp. Psammotettix majusculus Linnavuori Cardaria draba Selenocephalus griseus (F.) Centaurea solstitialis Isatis tinctoria

Delphacidae

Asiraca clavicornis (F.) Convolvulus arvensis

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects Associated weeds

Dictyopharidae

Dictyophara sp. Cardaria draba

Issidae

Hysteropterum grylloides (F.)

Centaurea bracteata

Centaurea calcitrapa Centaurea jacea Centaurea solstitialis

Membracidae

Genus sp. Carduus macrocephalus

Ortheziidae

Orthezia sp. Convolvulus arvensis

Pseudococcidae

Atrococcus paludinus (Green) Euphorbia esula

Phenococcus sp. Convolvulus arvensis

Planococcus citri? (Risso) Convolvulus arvensis

Pseudococcus longispinus (Targioni-Tozzetti) Convolvulus arvensis

Psyllidae

Trioza sp. Convolvulus arvensis

Tettigometridae

Tettigometra griseola Fieber Centaurea repens

Tettigometra hexaspina Kolenati Papaver rhoeas

Papaver sp.

Tettigometra sp. Centaurea repens

Tettigometra virescens (Panzer) Centaurea solstitialis

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

HYMENOPTERA

Andrenidae

Andrena sp. Cardaria draba

Rumex sp.

Aphidiidae

Aphidius sp. Cardaria draba

Papaver dubium Papaver hybridum Papaver rhoeas

Diaeretiella sp. Cardaria draba

Papaver rhoeas

Ephedrus sp. Tamarix sp.

Lysiphlebus sp. Papaver dubium

Tamarix sp.

Apidae

Apis mellifera L. Cardaria draba

Carduus nutans

Bombus lucorum L. Carduus nutans

Bombus senilis Smith Carduus nutans

Bombus silvarum F. Carduus nutans

Bombus sp. Centaurea solstitialis

Ceratina sp. Tamarix sp.

Genus sp. *Centaurea solstitialis*

Nomada sp. Cardaria draba

Xylocopa sp. Papaver rhoeas

Xylocopa violacea (L.) *Carduus nutans*

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
---------	------------------

n				۰ ۱	
В	ra	co	n	10	lae

Aleiodes rugulosus (Nees) Euphorbia stepposa

Apanteles amensis? Nixon Rumex crispus

Apanteles emarginatus (Nees) Cardaria draba

Apanteles hypantriae Riley Rumex crispus

Apanteles phaloniae Wilkinson Carduus macrocephalus

Apanteles sp. Carduus macrocephalus

Carduus nutans Convolvulus arvensis Euphorbia stepposa

Rumex sp.

Senecio jacobaea

Apanteles sp. 1 Cardaria draba

Apanteles sp. 2 Cardaria draba

Apanteles vanessae Reinhard Euphorbia seguierana

Biosteres carbonarius (Nees) Cynara scolymus

Bracon osculator? Nees Linaria sp.

Bracon pectoralis? Westwood Centaurea solstitialis

Bracon piger Westwood Spartium junceum

Bracon quinquemaculatus ? Szeléni Centaurea solstitialis

Bracon sp. Cardaria draba
Carduus nutans

Carduus thoermeri Centaurea maculosa

Centaurea sp.
Cynara scolymus
Linaria vulgaris

Senecio erraticus Senecio jacobaea

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
III SCC13	Associated weeds

Bracon sp. 1	Carduus pycnocephalus Centaurea solstitialis	
Bracon sp. 2	Carduus pycnocephalus Centaurea solstitialis	
Bracon sp. 3	Carduus pycnocephalus Centaurea solstitialis	
Bracon sp. 4	Carduus pycnocephalus Centaurea solstitialis	
Bracon urinator Panzer	Centaurea solstitialis	
Chelonus sp.	Cardaria draba Carduus nutans Centaurea solstitialis Isatis tinctoria Linaria vulgaris	
Chorebus sp.	Centaurea diffusa	
Dacnusa leptogaster Haliday	Linaria vulgaris	
Dacnusa sp.	Cardaria draba Centaurea diffusa	
Diospilus oleraceus Haliday	Cardaria draba Carduus nutans	
Genus A sp.	Carduus pycnocephalus	
Genus B sp.	Carduus pycnocephalus	
Genus C sp.	Carduus pycnocephalus	
Genus sp.	Carduus macrocephalus Carduus medius Carduus nutans Centaurea diffusa Centaurea solstitialis Cirsium arvense	

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Genus sp. (continued)	Cirsium vulgare Linaria vulgaris Salsola sp. Tamarix sp.
Macrocentrus sp.	Rumex crispus
Microgaster curvicrus? Thomson	Rumex crispus
Microgaster sp.	Cardaria draba Centaurea solstitialis
Microplitis scrophulariae? Széleny	Linaria sp.
Microplitis sp.	Verbascum thapsus
Microplitis variipes? Ruthe	Linaria sp.
Opius sp.	Cardaria draba Senecio jacobaea
Orgilus sp.	Senecio jacobaea
Rhaconotus sp.	Centaurea solstitialis
Rhizarcha sp.	Cardaria draba
Rogas sp.	Rumex crispus Rumex sp.
Triaspis sp.	Cardaria draba
Cephidae Cephus pygmaeus (L.)	Cardaria draba
Ceraphronidae Dendrocerus sp.	Carduus pycnocephalus Papaver rhoeas
Chalcididae	
Brachymeria sp.	Carduus nutans

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
IIISCCIS	Associated weeks

Chrysididae Hedychridium sp.	Cardaria draba
Hedychrum sp.	Rumex crispus
Omalus punctulatus? Dahlbom	Cardaria draba
Cynipidae	
Aylax minor? Hartig	Papaver rhoeas
Aylax oraniensis? Barbotin	Papaver rhoeas
Aylax papaveris (Perris)	Papaver fugax Papaver rhoeas
Aylax papaveris? (Perris)	Papaver rhoeas
Aylax sp.	Papaver rhoeas
Diglyphosema sp.	Senecio jacobaea
Eutrias sp.	Senecio jacobaea
Figites consobrinus? Girault	Centaurea solstitialis
Genus sp.	Centaurea solstitialis
Isocolus jaceae (Schrank)	Centaurea solstitialis
Isocolus rogenhoferi Wachtl	Centaurea solstitialis
Isocolus scabiosae (Giraud)	Centaurea bracteata Centaurea caerulescens Centaurea cineraria Centaurea diffusa Centaurea phrygia ? Centaurea solstitialis
Isocolus scabiosae? (Giraud)	Centaurea diffusa

Centaurea diffusa Centaurea solstitialis

Rumex sp.

Isocolus sp.

Phaenoglyphis sp.

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Phanacis centaureae Förster	Centaurea solstitialis
Phanacis papaveris ? (Kieffer)	Papaver somniferum
Phanacis sanctigellerti Balas	Centaurea solstitialis
Phanacis sp.	Papaver bracteatum
Diapriidae Psilus sp.	Senecio jacobaea
<i>Trichopria</i> sp.	Papaver rhoeas
Elasmidae Elasmus sp.	Centaurea melitensis Centaurea solstitialis
Encyrtidae Homalotylus flaminius Dalman	Centaurea solstitialis
Ooencyrtus sp.	Euphorbia sp.
Syrphophagus sp.	Convolvulus arvensis
Eulophidae Aprostocetus sp.	Cardaria draba
Asecodes? sp.	Convolvulus arvensis
Chrysocharis sp.	Papaver rhoeas Papaver somniferum
Diglyphus sp.	Papaver rhoeas Papaver somniferum Spartium junceum
Elachertus sp.	Carduus tenuiflorus Centaurea solstitialis
Entedon costalis? Dalman	Rumex crispus

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Entedon sp.	Cardaria draba Carduus macrocephalus Carduus nutans Linaria sp. Rumex acetosa Rumex crispus
	Rumex sp.
Euderus sp.	Centaurea solstitialis
Eutetrastichus sp.	Tamarix sp.
Genus sp.	Carduus macrocephalus Carduus nutans Carduus sp.
Hemiptarsenus sp.	Convolvulus althaeoides
Hyssopus sp.	Centaurea solstitialis
Melittobia acasta Walker	Centaurea melitensis
Necremnus sp.	Cardaria draba
Pronotalia sp.	Centaurea solstitialis
Sympiesis gregori Boúcek	Rumex crispus
Tetrastichus brevicornis (Panzer)	Centaurea solstitialis
Tetrastichus deira (Walker)	Centaurea solstitialis
Tetrastichus sp. 1	Centaurea solstitialis
Tetrastichus sp. 2	Centaurea solstitialis

Eumenidae

Carduus nutans Genus sp.

Eupelmidae Calosota matritensis Bolivar & Pieltain Carduus pycnocephalus

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Calosota sp.	Carduus nutans
·	Carduus pycnocephalus
Eupelmus microzonus Förster	Centaurea solstitialis
Eupelmus sp.	Centaurea solstitialis Linaria sp.
Macroneura sp.	Centaurea solstitialis
Macroneura vesicularis (Retzius)	Convolvulus arvensis
Eurytomidae Eurytoma flavimana Boheman	Rumex obtusifolius
Luryioma jiavimana Bolicilian	Numex voiusijouus
Eurytoma robusta Mayr	Carduus macrocephalus
	Carduus pycnocephalus
	Carthamus lanatus
	Centaurea diffusa
	Centaurea phrygia ?
	Centaurea scabiosa
	Centaurea solstitialis
	Cirsium arvense
	Cirsium vulgare
	Onopordum sp.
Eurytoma sp.	Cardaria draba
2	Carduus collinus
	Carduus macrocephalus
	Carduus medius [*]
(Carduus nutans
	Carduus pycnocephalus
	Carduus thoermeri
	Carduus vivariensis
	Centaurea diffusa
	Cirsium vulgare
	Convolvulus arvensis
	Echinops sphaerocephalus
	Euphorbia esula
	Euphorbia seguierana
	Linaria dalmatica
	Linaria sp.
	Rumex obtusifolius

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds

Eurytoma sp. 1	Centaurea solstitialis
Eurytoma sp. 2	Centaurea solstitialis
Eurytoma sp. 3	Centaurea solstitialis
Eurytoma sp. 4	Centaurea solstitialis
Eurytoma tibialis Boheman	Carduus collinus Carduus macrocephalus Carduus nutans Carduus pycnocephalus Centaurea maculosa Centaurea solstitialis Centaurea sp. Cirsium arvense Cirsium vulgare
Genus sp.	Carduus macrocephalus Carduus nutans Carduus pycnocephalus Centaurea solstitialis Convolvulus arvensis
Sycophila sp.	Centaurea diffusa Centaurea solstitialis
Sycophila submutica (Thomson)	Centaurea caerulescens Centaurea jacea Centaurea napifolia Centaurea solstitialis
Formicidae	
Camponotus lateralis (Olivier)	<i>Linaria</i> sp.
Camponotus sp.	Cardaria draba Isatis tinctoria
Cataglyphis bicolor (F.)	Cardaria draba
Cataglyphis cursor? (Fonscolombe)	Linaria sp.
Formica nasuta? Nylander	Linaria sp.

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds	
Formica sp.	<i>Linaria</i> sp.	
Iridomirmex humilis (Мауг)	Convolvulus arvensis	
Plagiolepis sp.	Linaria dalmatica	
Solenaspis sp.	Carduus mutans	
Tapinoma sp.	Cardaria draba Linaria sp.	
Halictidae Halictus scabiosae (Rossi)	Carduus nutans	
Halictus sp.	Cardaria draba Rumex crispus	
Lasioglossum xanthopus (Kirby)	Carduus nutans	
Ichneumonidae	Cutiqua goonguing	
Agrothereutes abbreviatus (F.)	Cytisus scoparius	
Campoletis sp.	Carduus nutans	
Centeterus sp.	Rumex obtusifolius	
Ctenichneumon sp.	Carduus macrocephalus Carduus nutans	
Diadegma fenestralis (Holmgren)	Carduus macrocephalus Centaurea diffusa	
Diadegma sp.	Cardaria draba Carduus macrocephalus Carduus nutans Carduus vivariensis Rumex crispus Tamarix sp.	
Diplazon laetatorius (F.)	Cardaria draba	
Eutanyacra? sp.	Carduus nutans	

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds

Exeristes roborator (F.)	Carduus nutans Cynara scolymus
Exochus? sp.	Rumex sp.
Gambrus sp.	Rumex sp.
Gelis sp.	Carduus nutans Rumex sp. Senecio erraticus
Genus A sp.	Centaurea solstitialis
Genus B sp.	Centaurea solstitialis
Genus C sp.	Centaurea solstitialis
Genus sp.	Carduus macrocephalus Carduus nutans Carduus pycnocephalus Convolvulus arvensis
Glypta sculpturata (Gravenhorst)	Centaurea diffusa
Heterischnus sp.	Rumex obtusifolius
Hyposoter didymator (Thunberg)	Rumex crispus
Hyposoter sp.	Verbascum sp. Verbascum thapsus
Ichneumon sp.	Carduus nutans
Itoplectis sp.	Papaver bracteatum
Lysibia nana (Gravenhorst)	Rumex sp.
Mesochorus sp.	Linaria sp.
Nepiera collector (Thunberg)	Rumex crispus
Oronotus sp.	Cardaria draba
Phygadeuon sp.	Cardaria draba

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Phytodietus sp.	Senecio erraticus
Pimpla sp.	Cynara scolymus
Pristomerus vulnerator (Panzer)	Carduus macrocephalus
Scambus eucosmarum (Perkins)	Centaurea solstitialis
Scambus sp.	Senecio jacobaea
Syrphoctonus flavolineatus (Gravenhorst)	Carduus nutans
Temelucha sp.	Senecio jacobaea
Megachilidae	
Osmia sp.	Cardaria draba
Trichosteresis glabra (Boheman)	Carduus pycnocephalus
Mymaridae Anaphes sp.	<i>Linaria</i> sp.
	r
Ormyridae Genus sp.	Onopordum sp.
Ormyrus diffinis (Fonscolombe)	Papaver rhoeas
Ormyrus gratiosus (Förster)	Centaurea caerulescens Centaurea solstitialis
Ormyrus orientalis Walker	Centaurea solstitialis
Ormyrus punctiger Westwood	Centaurea bracteata Centaurea caerulescens Centaurea jacea Centaurea maculosa Centaurea nicaensis Centaurea solstitialis Centaurea sp. Cirsium arvense Onopordum sp.

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Ormyrus sp.	Cardaria draba Centaurea deusta Centaurea diffusa Centaurea solstitialis
Perilampidae Perilampus sp.	Centaurea solstitialis
Proctotrupes sp.	Cardaria draba
Pteromalidae Anisopteromalus calandrae (Howard)	Centaurea solstitialis
Asaphes vulgaris (Walker)	Carduus sp.
Caenacis sp.	Centaurea sp.
Chlorocytus laogore (Walker)	Rumex crispus
Cyrtogaster vulgaris Walker	Papaver rhoeas
Dibrachoides dynastes (Förster)	Tamarix sp.
Dinarmus acutus Thomson	Convolvulus arvensis
Genus A sp.	Carduus nutans Carduus pycnocephalus
Genus B sp.	Carduus nutans Carduus pycnocephalus
Genus C sp.	Carduus pycnocephalus
Genus sp.	Carduus macrocephalus Carduus tenuiflorus Centaurea solstitialis Convolvulus arvensis
Habrocytus sp.	Cardaria draba
Lamprotatus splendens Westwood	Carduus pycnocephalus

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Associated weeds

Insects

Associated weeds
<i>Tamarix</i> sp.
Tamarix sp.
Tamarix sp.
Geranium dissectum
Carduus tenuiflorus Carduus vivariensis
Centaurea solstitialis
Centaurea solstitialis
Papaver rhoeas
Cardaria draba
Cardaria draba Centaurea solstitialis
Tamarix sp.
Tamarix sp.
Centaurea solstitialis Euphorbia seguierana
Linaria sp.
Euphorbia seguierana
Rumex crispus Rumex sp.
Centaurea solstitialis
<i>Convolvulus</i> sp. <i>Linaria</i> sp.
Centaurea caerulescens

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects Associated weeds

Sphecidae

Entomognathus sp. Cardaria draba

Genus sp. Linaria sp.

Tenthredinidae

Ametastegia equiseti (Fallén) Rumex crispus

Athalia glabricollis Thomson Papaver rhoeas

Athalia rosae (L.) Cardaria draba

Papaver rhoeas

Fenella minuta Thomson Geranium dissectum

Genus sp. Euphorbia esula

Torymidae

Antistrophoplex cothurnatus (Masi) Centaurea solstitialis

Exopristus trigonomerus (Masi) Centaurea solstitialis

Genus sp. Carduus collinus

Centaurea solstitialis Euphorbia cyparissias

Liodontomerus sp. Centaurea diffusa

Pseudotorymus sp. Carduus macrocephalus

Carduus nutans

Carduus pycnocephalus Centaurea solstitialis

Torymus sp. Tamarix sp.

Vespidae

Genus sp. Linaria sp.

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects

Associated weeds

LEPIDOPTERA

		• •	1		
A	rci	П	a	a	е

Arctia caja (L.) Rumex crispus

Phragmatobia fuliginosa (L.)

Rumex crispus

Rumex obtusifolius

Procris sp. Cirsium vulgare

Thyria jacobaeae (L.) Senecio jacobaea

Choreutidae

Tebenna bjerkanderella Thunberg Centaurea solstitialis

Tebenna micalis? (Mann) Centaurea solstitialis

Coleophoridae

Coleophora conspicuella Zeller Centaurea diffusa

Coleophora parthenica Meyrick Salsola kali

Stagmatophora pomposella (L.) Salvia aethiopis

Cosmopterygidae

Eteobalea serratella (Treitschke)

Eteobalea beata Walsingham Antirrhinum sp.

Eteobalea intermediella Riedl Linaria dalmatica

Linaria sp. Linaria vulgaris

Linaria vulgari

Linaria dalmatica Linaria sp. Linaria striata

Linaria vulgaris

Pyroderces argyrogrammos (Zeller) Carduus macrocephalus

Carduus nutans

Carduus pycnocephalus Carduus thoermeri Carduus vivariensis Carthamus lanatus

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Pyroderces argyrogrammos (Zeller) (continued)	Centaurea bracteata Centaurea calcitrapa Centaurea solstitialis Centaurea sphaerocephala Cirsium arvense Cynara scolymus Galactites tomentosa Onopordum sp. Silybum marianum
Crambidae Agriphila latistria (Haworth)	Cytisus scoparius
Gelechiidae Brachmia sp.	Convolvulus arvensis
Brachmia triannulella (Herrich-Schäffer)	Convolvulus arvensis
Metzneria aestivella (Zeller)	Centaurea solstitialis
Metzneria aprilella (Herrich-Schäffer)	Centaurea solstitialis Crupina vulgaris
Metzneria sp.	Centaurea solstitialis
Neotelphusa sp.	Tamarix sp.
Nothris verbascella (Hübner)	Verbascum pulverulentum Verbascum thapsus
Onebala lamprostoma (Zeller)	Convolvulus althaeoides
Geometridae Boarmia rhomboidaria (Denis & Schiffermüller)	Rumex crispus
Boarmia selenaria (Denis & Schiffermüller)	Convolvulus arvensis
Catharoe rubidata (Denis & Schiffermüller)	Galium mollugo
Chiasmia clathrata (L.)	Convolvulus arvensis
Chlorissa sp.	Senecio erraticus

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Ematurga atomaria (L.)	Rumex crispus Senecio jacobaea
Ematurga atomaria orientaria Staudinger	Convolvulus arvensis
Eupithecia absinthiata (Clerck)	Senecio jacobaea
Eupithecia centaureata (Denis & Schiffermüller)	Rumex crispus Senecio erraticus
Eupithecia linariata (F.)	Linaria vulgaris
Eupithecia sp.	Cirsium vulgare
Gymnoscelis pumilata (Hübner)	Linaria vulgaris
Gymnoscelis rufifasciata (Haworth)	Euphorbia sp.
Idaea ochrata (Scopoli)	Rumex crispus
Idaea seriata (Schrank)	Rumex crispus
Larentia clavaria (Haworth)	Convolvulus arvensis
Lycia graecaria (Staudinger)	Centaurea diffusa
Lycia hirtaria Clausen	Rumex crispus
Nyssia florentina Stephan	Convolvulus arvensis
Rhodometra sacraria (L.)	Rumex sp.
Scopula imitaria (Hübner)	Rumex sp.
Semiothisa aestimaria ? (Hübner)	Tamarix sp.
Sterrha dimidiata (Hufnagel)	Cirsium vulgare
Sterrha sp.	Convolvulus arvensis
Timandra amataria (L.)	Convolvulus arvensis
Gracillariidae Calybites phasianipennella (Hübner)	Rumex crispus

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects Associated weeds

Hesperidae

Genus sp. Convolvulus arvensis

Hydropsychidae

Cheumatopsyche lepida (Pictet) Isatis tinctoria

Lasiocampidae

Genus sp. Convolvulus arvensis

Lasiocampa quercus (L.) Rumex crispus

Lycenidae

Thersamonia thersamon (Esper) Centaurea solstitialis

Lymantriidae

Limantria dispar (L.) Rumex crispus

Lyonetidae

Bedellia somnulentella (Zeller) Convolvulus arvensis

Leucoptera spartifoliella (Hübner) Cytisus scoparius

Nepticulidae

Stigmella sp. Convolvulus arvensis

Noctuidae

Acontia lucida (Hufnagel) Convolvulus arvensis

Aedia leucomelas (L.) Convolvulus arvensis

Agrochola lychnidis (Denis & Schiffermüller) Rumex crispus

Agrotis segetum (Denis & Schiffermüller) Convolvulus arvensis

Apatele rumicis (L.) Convolvulus arvensis

Rumex crispus

Apopestes spectrum (Esper) Spartium junceum

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

sects	Associated weeds
Autographa gamma (L.)	Carduus macrocephalus Convolvulus arvensis Papaver pseudoorientale Papaver rhoeas Rumex crispus Salvia verbenaca
Axylia putris (L.)	Convolvulus arvensis Rumex crispus
Calophasia casta (Borkhausen)	Linaria dalmatica
Calophasia lunula (Hufnagel)	Carduus nutans Linaria dalmatica
Calophasia lunula? (Hufnagel)	Linaria genistifolia
Chrysodeixis chalcytes (Esper)	Convolvulus arvensis
Clytie illunaris (Hübner)	Crupina vulgaris
Discestra trifolii ? (Hufnagel)	Convolvulus arvensis
Dypterygia scabriuscula (L.)	Rumex obtusifolius
Eilema sp.	Convolvulus arvensis
Emmelia trabealis (Scopoli)	Cardaria draba Convolvulus arvensis
Genus sp.	Carthamus lanatus Convolvulus arvensis Euphorbia seguierana
Gortyna flavago (Denis & Schiffermüller)	Carduus nutans
Grammodes stolida (F.)	Cynara sp.
Heliothis peltigera (Denis & Schiffermüller)	Centaurea calcitrapa Salvia limbata
Heliothis sp.	Linaria sp.
Hoplodrina ambigua (Denis & Schiffermüller)	Rumex crispus

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects

Associated weeds

Hydraecia micacea (Esper) Rumex crispus *Hypena lividalis* (Hübner) Convolvulus arvensis *Ipimorpha* sp. Papaver bracteatum Lacanobia oleracea (L.) Rumex crispus Convolvulus arvensis Leucania sp. Mamestra brassicae (L.) Carduus nutans Convolvulus arvensis *Mamestra oleracea* (L.) Convolvulus arvensis Mythimna albipuncta (Denis & Schiffermüller) Rumex crispus *Mythimna unipuncta* (Haworth) Rumex crispus Rumex obtusifolius *Mythimna vitellina* (Hübner) Rumex crispus Noctua comes (Hübner) Rumex crispus *Noctua interjecta* (Hübner) Rumex crispus Rumex sp. Noctua pronuba L. Rumex acetosa Rumex crispus Ochropleura plecta (L.) Rumex obtusifolius Oxycesta geographica (F.) Euphorbia seguierana Euphorbia stepposa Peridroma saucia (Hübner) Convolvulus arvensis Rumex crispus Senecio aethnensis Senecio cineraria Senecio erraticus *Phlogophora meticulosa* (L.) Rumex crispus Rumex obtusifolius Phytometra sp. Salvia verbenaca

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Plusia nigrisigna Walker	Carduus edelbergii
Porphyrinia ostrina (Hübner)	Carduus macrocephalus
Porphyrinia parva (Hübner)	Carduus edelbergii Carthamus lanatus Centaurea bracteata Centaurea calcitrapa Centaurea napifolia Centaurea repens Centaurea solstitialis
Porphyrinia porphyrina (Denis & Schiffermüller)	Carduus nutans Carduus thoermeri
Porphyrinia purpurina (Denis & Schiffermüller)	Carduus macrocephalus Carduus nutans Carduus sp. Cirsium odontolepis
Rivula sericealis (Scopoli)	Convolvulus arvensis
Simyra dentinosa Freyer	Euphorbia cyparissias Euphorbia seguierana
Simyra nervosa (Denis & Schiffermüller)	Euphorbia esula
Spodoptera exigua (Hübner)	Convolvulus arvensis
Spodoptera littoralis (Boisduval)	Convolvulus arvensis
Synthymia fixa (F.)	Convolvulus arvensis
Thalpophila matura (Hufnagel)	Rumex crispus
Tyta luctuosa (Denis & Schiffermüller)	Convolvulus arvensis
Xestia xanthographa (Denis & Schiffermüller)	Rumex crispus
Xylena vetusta (Hübner)	Convolvulus arvensis
Nymphalidae	
Inachis io (L.)	Urtica dioica

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Melitaea cinxia (L.)	Carduus nutans Cynara scolymus
Melitaea didyma Esper	Linaria dalmatica Linaria sp.
Melitaea sp.	Convolvulus arvensis
Vanessa cardui L.	Carduus edelbergii Carduus macrocephalus Carduus nutans Onopordum sp. Salvia palaestina Silybum marianum
Oecophoridae	
Agonopteryx sp.	Carduus pycnocephalus
Agonopteryx subpropinquella Staudinger	Carduus macrocephalus Carduus nutans Centaurea solstitialis
Depressaria sp.	Centaurea cineraria
Pleurota sp.	Convolvulus arvensis
Oleuthretidae	
Argyroploce arbutella? (L.)	Convolvulus arvensis
Pieridae	
Genus sp.	Isatis tinctoria
Pieris sp.	Cardaria draba Isatis tinctoria
Plutellidae Homadaula? sp.	Euphowhia agula
<i>потавана :</i> sp.	Euphorbia esula
Plutella maculipennis Curtis	Cardaria draba Linaria sp.

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Plutella xylostella (L.)	Cardaria draba
Psychidae Dissoctena granigerella? Staudinger	Convolvulus arvensis
Pterolonchidae Pterolonche albescens Zeller	Centaurea diffusa
Pterolonche inspersa Staudinger	Centaurea diffusa Centaurea maculosa
Pterolonche pulverulentella ? Zeller	Centaurea diffusa
Pterolonche sp.	Centaurea deusta Centaurea nicaensis
Pterophoridae Oidematophorus monodactylus (L.)	Convolvulus arvensis
Oidematophorus monodactylus ? (L.)	Euphorbia esula
Platyptilla sp.	Senecio jacobaea
Pterophorus pentadactylus (L.)	Convolvulus arvensis Rumex crispus
Stenoptilia pteriodactyla ? (L.)	Convolvulus arvensis
Pyralidae Agriphila tristella (Denis & Schiffermüller)	Verbascum pulverulentum
Chrysocrambus linetellus (F.)	Convolvulus arvensis
Ercta sp.	Cirsium vulgare
Genus sp.	Convolvulus arvensis
Gymnancyla canella (Hübner)	Salsola kali
Homoeosoma cretacella Roessner	Senecio erraticus

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects Associa

Homoeosoma mucidella Ragonot	Senecio jacobaea
Homoeosoma nebulella (Denis & Schiffermüller)	Carduus nutans
Homoeosoma nebulella? (Denis & Schiffermüller)	Cirsium vulgare
Homoeosoma sp.	Cynara scolymus
Hydrisis ornatalis (Duponchel)	Convolvulus arvensis
Myelois cribrella (Hübner)	Carduus nutans Carthamus lanatus Onopordum tauricum
Nephopteryx divisella Duponchel	Euphorbia characias
Noctuelia floralis (Hübner)	Convolvulus arvensis
Phycitodes albatella? (Ragonot)	Senecio jacobaea
Phycitodes binaevella (Hübner)	Carduus macrocephalus Carduus nutans Carduus pycnocephalus
Phycitodes binaevella? (Hübner)	Carduus edelbergii
Phycitodes carlinella (Heinemann)	Senecio erraticus
Pyrausta cespitalis (Denis & Schiffermüller)	Convolvulus arvensis
Pyrausta sp.	Carduus nutans
Salebria? sp.	Tamarix sp.
Sitochra verticalis (L.)	Convolvulus arvensis
Titanio normalis (Hübner)	Convolvulus arvensis
Udea ferrugalis (Hübner)	Cirsium vulgare Rumex crispus Rumex obtusifolius Salvia verbenaca

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds	
Satyridae		
Hyponepheles sp.	Carduus pycnocephalus	
Lasiommata megera (L.)	Carduus pycnocephalus	
Melanargia galathea (L.)	Carduus nutans	
<i>Melitaea</i> sp.	Convolvolus arvensis	
Scythrididae Scythris sp.	Centaurea solstitialis Convolvulus arvensis	
Sesiidae Chamaesphecia bibioniformis (Esper)	Euphorbia sp.	
Chamaesphecia crassicornis (Bartel)	Euphorbia pseudovirgata	
Chamaesphecia empiformis (Esper)	Euphorbia esula Euphorbia gerardiana	
Chamaesphecia leucopsiformis (Esper)	Euphorbia cyparissias	
Chamaesphecia sp.	Euphorbia esula Euphorbia seguierana Euphorbia sp.	
Chamaesphecia tenthrediniformis (Denis & Schiffermüller)	Euphorbia cyparissias Euphorbia esula Euphorbia seguierana	
Pyropteron chrysidiforme (Esper)	Rumex crispus Rumex obtusifolius Rumex sp.	
Sphingidae Agrius convolvuli (L.)	Convolvulus arvensis	
Celerio euphorbiae (L.)	Euphorbia esula Euphorbia sp.	

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Colouia an	Eurhowhia atomoga
Celerio sp.	Euphorbia stepposa
Genus sp.	Euphorbia sp. Linaria sp.
Tortricidae	
Acroclyta subsequana (Herrich-Schäffer)	Euphorbia characias
Agapeta zoegana (L.)	Centaurea diffusa Centaurea maculosa
Archips crataeganus (Hübner)	Convolvulus arvensis
Argyrotaenia pulchellana (Haworth)	Convolvulus arvensis
Cacoecimorpha pronubana (Hübner)	Convolvulus arvensis Cynara scolymus Euphorbia segetalis Linaria vulgaris Rumex crispus Senecio erucifolius Senecio nemorensis
Cnephasia abrasana (Duponchel)	Centaurea solstitialis
Cnephasia incertana (Treitschke)	Centaurea solstitialis
Cnephasia sp.	Centaurea napifolia Silybum marianum Tamarix sp.
Cochylis atricapitana? (Stephens)	Senecio erraticus Senecio jacobaea
Cochylis hybridella? (Hübner)	Carduus edelbergii Cirsium arvense
Cochylis posterana (Zeller)	Carduus nutans Carduus tenuiflorus Carduus vivariensis Centaurea calcitrapa Onopordum sp.
Crocidosema plebejana (Zeller)	Abutilon theophrasti

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects	Associated weeds
Epiblema pflugiana ? (F.)	Cirsium vulgare
Epiblema scutulana (Denis & Schiffermüller)	Carduus macrocephalus Carduus nutans Carduus thoermeri Carduus vivariensis
Eucosma campoliliana (Denis & Schiffermüller)	Senecio jacobaea
Eucosma cana Hawkins	Carduus nutans
Eucosma sp.	Carduus nutans
Exartema sp.	Senecio jacobaea
Genus sp.	Convolvulus arvensis Euphorbia sp. Tamarix sp.
Lobesia sp.	Euphorbia esula Euphorbia stepposa
Oleuthreutes lacunana (Denis & Schiffermüller)	Rumex sp.
Paracelypha rivulana (Scopoli)	Convolvulus arvensis
Pseudocosma caecimaculana (Hübner)	Centaurea diffusa
Spanganothis pilleriana (Denis & Schiffermüller)	Convolvulus arvensis
Stenodes alternana (Stephens)	Centaurea diffusa
Zygaenidae Adscita chloros ? (Hübner)	Centaurea diffusa
Adscita globulariae (Hübner)	Carduus macrocephalus Carduus nutans
Zygaena erythrus (Denis & Schiffermüller)	Eryngium campestre

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects

Associated weeds

NEUROPTERA

Ascalaphidae

Ascalaphus libelluloides (L.)

Rumex sp.

Chrysopidae

Chrysopa carnea? Stephens

Linaria sp.

Genus sp.

Cardaria draba Rumex crispus

Hemerobiidae

Micromus angulatus (Stephens)

Rumex sp.

Raphidiidae

Raphidia sp.

Centaurea solstitialis

ORTHOPTERA

Acrididae

Chorthippus dorsatus (Zettersted)

Carduus nutans

Genus sp.

Cardaria draba

Poecilimon? sp.

Cardaria draba

Gryllidae

Acheta domestica? (L.)

Rumex obtusifolius

Gryllus campestris? L.

Rumex crispus

Gryllus sp.

Carduus nutans

Oecanthus pellucens (Scopoli)

Carduus nutans

Trigonidium cicindeloides Rambur

Rumex crispus

Trigonidium? sp.

Rumex crispus

Table 2. Taxonomic list of insects and the weeds associated with them (continued)

Insects Associated weeds

Tettigonidae

Tettigonia caudata (Charpenter)

Linaria sp.

THYSANOPTERA

Aelothripidae

Genus sp. Centaurea solstitialis

Thripidae

Scolothrips sp. Convolvulus arvensis

Thrips tabaci (L.) Convolvulus arvensis

TRICHOPTERA

Hydropsychidae

Cheumautopsyche lepida (Pictet)

Tamarix sp.

Table 3. Parasites associated with biocontrol agents

Plant and associated parasitic insect*	Biocontrol agent	Insect association to plant
Canduus maanaanhalus Doof		
Carduus macrocephalus Desf. Apanteles phaloniae Wilkinson (Hymenoptera Braconidae)	Epiblema scutulana (Denis & Schiffermüller)	ex stem
Diadegma fenestralis (Holmgren) (Hymenoptera Ichneumonidae)	Epiblema scutulana (Denis & Schiffermüller)	ex stem
Genus sp. (Hymenoptera Braconidae)	Epiblema scutulana (Denis & Schiffermüller)	ex larva
Pristomerus vulnerator (Panzer) (Hymenoptera Ichneumonidae)	Epiblema scutulana (Denis & Schiffermüller)	ex stem
Carduus nutans L.		
Apanteles sp. (Hymenoptera Braconidae)	Epiblema scutulana (Denis & Schiffermüller)	ex larva
Brachymeria sp. (Hymenoptera Chalcididae)	unknown Lepidoptera	ex pupa
Calosota sp. (Hymenoptera Eupelmidae)	Lixus sp.	ex pupa
Ctenichneumon sp. (Hymenoptera Ichneumonidae)	Cheilosia corydon (Harris)	ex pupa
Diospilus oleraceus Haliday (Hymenoptera Braconidae)	Trichosirocalus horridus (Panzer)	ex larva
Genus B sp. (Hymenoptera Pteromalidae)	Agapanthia sp.	ex egg
Musca autumnalis DeGeer (Diptera Muscidae)	Epiblema scutulana? (Denis & Schiffermüller)	ex plant
•	,	
Carduus pycnocephalus L.	Lavinus planus (E.)	av. 1amva
Bracon sp. 1 (Hymenoptera Braconidae) Bracon sp. 2 (Hymenoptera Braconidae)	Larinus planus (F.) Trichosirocalus horridus (Panzer)	ex larva ex larva
Bracon sp. 3 (Hymenoptera Braconidae)	Trichosirocalus horridus (Panzer)	ex larva
Dendrocerus sp. (Hymenoptera Ceraphronidae)	unknown Diptera	ex pupa
Genus A sp. (Hymenoptera Braconidae)	Trichosirocalus horridus (Panzer)	ex larva
Genus C sp. (Hymenoptera Braconidae)	unknown Aphidiidae	ex insect

^{*} Insect names are indented under plant names. Plant names are in bold.

Table 3. Parasites associated with biocontrol agents (continued)

Plant and associated parasitic insect	Biocontrol agent	Insect association to plant
Genus sp. (Hymenoptera Ichneumonidae)	unknown Lepidoptera	ex larva
Genus A sp. (Hymenoptera Pteromalidae)	Hadroplontus trimaculatus (F.)	ex larva
Genus C sp. (Hymenoptera Pteromalidae)	unknown Trypetidae	ex larva
Trichosteresis glabra (Boheman) (Hymenoptera Megaspilidae)	unknown Diptera	ex pupa
Carduus sp.		
Asaphes vulgaris (Walker) (Hymenoptera Pteromalidae)	Ceratapion sp.	ex larva
Genus sp. (Hymenoptera Eulophidae)	Ceratapion sp.	ex larva
Zeuxia nigripes (Meigen) (Diptera Tachinidae)	Lixus sp.	ex stem
Carduus tenuiflorus Curtis		
Elachertus sp. (Hymenoptera Eulophidae)	unknown Lepidoptera	ex larva
Centaurea diffusa Lam.		
Bithia sp. (Diptera Tachinidae)	unknown Lepidoptera	ex plant
Dacnusa sp.	leafmining larva	reared
(Hymenoptera Braconidae)	D 1	1
Diadegma fenestralis (Holmgren) (Hymenoptera Ichneumonidae)	<i>Pseudocosma</i> caecimaculana (Hübner)	reared
Glypta sculpturata (Gravenhorst) (Hymenoptera Ichneumonidae)	unknown Lepidoptera	reared
Liodontomerus sp. (Hymenoptera Torymidae)	Isocolus sp.	reared
Ormyrus sp. (Hymenoptera Ormyridae)	Isocolus sp.	reared
Centaurea solstitialis L.		
Bracon pectoralis? Westwood (Hymenoptera Braconidae)	Chaetorellia hexachaeta (Loew)	reared
Bracon quinquemaculatus Széleni (Hymenoptera Braconidae)	Chaetorellia hexachaeta (Loew)	reared
Bracon sp. 4 (Hymenoptera Braconidae)	Eustenopus villosus	reared

Table 3. Parasites associated with biocontrol agents (continued)

Biocontrol agent	Insect association to plant
Unonhova simmasona	rangad
-	reared
`	reared
-	reared
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	reared
Chaclorella sp.	reurea
Eustenopus villosus	reared
Zustriepus intestis	
Isocolus sp.	reared
- r	
Isocolus sp.	reared
Urophora sirunaseva	reared
(Hering)	
Galeruca rufa Germar	reared
unknown Bruchidae	reared
Tyta luctuosa	reared
(Denis & Schiffermüller)	
Tyta luctuosa	reared
(Denis & Schiffermüller)	
unknown Anthomyiidae	reared
,	
unknown Lenidoptera	ex larva
Zimio zopidopioid	2.2.2.4
Symira deutinosa	ex larva
•	CA lai va
unknown Diptera	ex pupa
unknown Diblola	ca pupa
	Urophora sirunaseva (Hering) Urophora sirunaseva (Hering) Chaetorellia sp. Eustenopus villosus Isocolus sp. Isocolus sp. Urophora sirunaseva (Hering) Galeruca rufa Germar unknown Bruchidae Tyta luctuosa (Denis & Schiffermüller) Tyta luctuosa (Denis & Schiffermüller) unknown Anthomyiidae unknown Anthomyiidae

Table 3. Parasites associated with biocontrol agents (continued)

Plant and associated parasitic insect	Biocontrol agent	Insect association to plant
Exorista segregata (Rondani) (Diptera Tachinidae)	<i>Symira dentinosa</i> Freyer	reared
Sphegigaster sp. (Hymenoptera Pteromalidae)	unknown Diptera	ex pupa
Syntomopus sp. (Hymenoptera Pteromalidae)	unknown Diptera	ex pupa
Euphorbia sp.		
Exorista segregata (Rondani) (Diptera Tachinidae)	unknown Lepidoptera	reared
Genus sp. (Diptera Tachinidae)	Chamaesphecia sp.	reared
Euphorbia stepposa Zoz. ex Prokhanov Apanteles sp. (Hymenoptera Braconidae)	Oxycesta geographica (F.)	reared
Linaria dalmatica (L.) Miller Genus sp. (Diptera Tachinidae)	unknown Lepidoptera	reared
Linaria sp. Mesochus sp. (Hymenoptera Ichneumonidae)	Chrysolina sp.	reared
Linaria vulgaris Miller		
Chelonus sp. (Hymenoptera Braconidae)	Eteobalea serratella (Treitschke)	reared
Genus sp. (Hymenoptera Braconidae)	Eteobalea serratella (Treitschke)	reared
Onopordum sp. Genus sp. (Hymenoptera Ormyridae)	unknown Tephritidae	ex pupa
Papaver bracteatum L. Itoplectis sp. (Hymenoptera Ichneumonidae)	unknown Lepidoptera	ex pupa
Papaver dubium L. Aphidius sp. (Hymenoptera Aphididae) Lysiphlebus sp. (Hymenoptera Aphididae)	unknown Aphidiidae unknown Aphidiidae	reared reared

Table 3. Parasites associated with biocontrol agents (continued)

Plant and associated parasitic insect	Biocontrol agent	Insect association to plant
Papaver hybridum L.		
Aphidius sp. (Hymenoptera Aphididae)	unknown Aphidiidae	reared
Papaver rhoeas L.		
Aphidius sp. (Hymenoptera Aphididae)	unknown Aphidiidae	reared
Chrysocharis sp.	Aylax sp.	reared
(Hymenoptera Eulophidae)		
Cyrtogaster vulgaris Walker	Aylax sp.	reared
(Hymenoptera Pteromalidae)		
Dendrocerus sp.	unknown Aphidiidae	reared
(Hymenoptera Ceraphronidae)		
Diaeretiella sp.	unknown Aphidiidae	reared
(Hymenoptera Aphididae)		
Diglyphus sp.	Aylax sp.	reared
(Hymenoptera Eulophidae)		
Papaver somniferum L.		
Chrysocharis sp.	unknown leafminer	reared
(Hymenoptera Eulophidae)		
Diglyphus sp. (Hymenoptera Eulophidae)	unknown leafminer	reared
Rumex crispus L.		
Apanteles amensis ? Nixon	Lepidoptera larva	reared
(Hymenoptera Braconidae)	20p.000p.0101	2 0 0 0 0 0
Bithia modesta (Meigen)	Pyropteroн	reared
(Diptera Tachinidae)	chrysidiforme (Esper)	
Isomera cinerascens (Rondani)	Pyropteron	reared
(Diptera Tachinidae)	chrysidiforme (Esper)	
Rumaysn		
Rumex sp. Apanteles sp. (Hymenoptera Braconidae)	unknown Lepidoptera	reared
Apametes sp. (Hymenoptera Braconidae)	diknown Lepidopiera	icaicu
Senecio jacobaea L.		
Diglyphosema sp.	Agromyza sp.	reared
(Hymenoptera Cynipidae)	-	
Eutrias sp. (Hymenoptera Cynipidae)	unknown Diptera	reared
Psilus sp. (Hymenoptera Diaprididae)	Hylemya seneciella	reared
	(Meade)	

Table 3. Parasites associated with biocontrol agents (continued)

Plant and associated parasitic insect	Biocontrol agent	Insect association to plant
T		
Tamarix sp. Dibrachoides dynastes (Förster) (Hymenoptera Pteromalidae)	Coniatus splendidulus (F.)	reared
Mesopolobus sp. (Hymenoptera Pteromalidae)	Coniatus sp.	reared
Pteromalus sp. 1 (Hymenoptera Pteromalidae)	Allomalia quadrivirgata (Costa)	reared
Pteromalus sp. 2 (Hymenoptera Pteromalidae)	Coniatus splendidulus (F.)	reared
Verbascum sp.		1
Hyposoter sp. (Hymenoptera Ichneumonidae)	Cucullia verbasci L.	reared
Verbascum thapsus L.		
Hyposoter sp. (Hymenoptera Ichneumonidae)	Cucullia verbasci L.	reared
Microplitis sp. (Hymenoptera Braconidae)	Cucullia verbasci L.	reared

References

Abbazzi, P., E. Colonnelli, L. Masutti, and G. Osella. 1995. Coleoptera polyphaga XVI (Curculionoidea). *In* A. Minelli, S. Ruffo, and S. La Posta, eds., Checklist Delle Specie Della Fauna Italiana, pp. 1–68. Calderini, Bologna.

Alonso-Zarazaga, M.A. 1989. Revision of the supraspecific taxa in the Palaearctic Apionidae Schoenherr, 1823. (Coleoptera, Curculionoidea). 1. Introduction and subfamily Nanophyinae Seidlitz, 1891. Fragmenta Entomologica 21:205–262.

Alonso-Zarazaga, M.A. 1990. Revision of the supraspecific taxa in the Palaearctic Apionidae Schoenherr, 1823. (Coleoptera, Curculionoidea). 2. Subfamily Apioninae Schoenherr, 1823: introduction, keys and descriptions. Graellsia 46:19–156.

Biondi, M., M. Daccordi, R. Regalin, and M. Zampetti. 1995. Coleoptera Polyphaga XV (Chrysomelidae, Bruchidae). *In A. Minelli*, S. Ruffo, and S. La Posta, eds., Checklist Delle Specie Della Fauna Italiana, pp. 1–34. Calderini, Bologna.

Comba, L., and M. Comba. 1991. Catalogo degli Apoidei laziali (Hymenoptera, Aculeata). Fragmenta Entomologica 22:3–169.

Dostál, J. 1989a. Nová kvétena CSSR. 1. Academia Praha, Praha.

Dostál, J. 1989b. Nová kvétena CSSR. 2. Academia Praha, Praha.

International Commission on Zoological Nomenclature. 1985. International code of zoological nomenclature, 3rd ed. International Trust for Zoological Nomenclature, London.

Jelínek, J., ed. 1993. Checklist of Czechoslovak insects IV (Coleoptera). Seznam ceskoslovenský brouku. Folia Heyrovskiana, supplementum 1, Praha.

Pagliano, G., and P. Scaramozzino. 1990. Elenco dei generi di Hymenoptera del mondo. Memorie della Società Entomologica Italiana 68:3–210.

Pantaleoni, R.A. 1988. La Neurotterofauna dell'Appennino Romagnolo. Atti del XV Congresso nazionale italiano di Entomologia, L'Aquila, pp. 633–640.

Pemberton, R.W., and E.M. Hoover. 1980. Insects associated with wild plants in Europe and the Middle East. Biological control of weeds surveys, U.S. Department of Agriculture Miscellaneous Publication No. 1382.

Pignatti, S. 1982a. Flora d'Italia. Vol. 1. Edagricole, Bologna.

Pignatti, S. 1982b. Flora d'Italia. Vol. 2. Edagricole, Bologna.

Pignatti, S. 1982c. Flora d'Italia. Vol. 3. Edagricole, Bologna.

Prola, C., and S. Beer. 1991. Le Sesiidae della fauna italiana (Lepidoptera). Memorie della Società Entomologica Italiana 70:279–312.

Prola, C., P. Provera, T. Racheli, and V. Sbordoni. 1978a. I Macrolepidotteri dell'Appennino Centrale. Parte 1. Diurna, Bombyces e Sphinges. Fragmenta Entomologica 14:1–217.

Prola, C., P. Provera, T. Racheli, and V. Sbordoni. 1978b. I Macrolepidotteri dell'Appennino Centrale. Parte 2. Noctuidae. Bollettino dell'Associazione Romana di Entomologia 32:3–238.

Sama, G. 1995. Coleoptera Polyphaga XVI (Cerambycidae). *In* A. Minelli, S. Ruffo, and S. La Posta, eds., Checklist Delle Specie Della Fauna Italiana, pp. 1–12. Calderini, Bologna.

Tamanini, L. 1989. Tabelle per la determinazione dei più comuni Eterotteri italiani (Heteroptera). Memorie della Società Entomologica Italiana 67:359–471.

Trematerra, P. 1992. I Cochylini della collezione A. Fiori nel Museo di Storia Naturale di Milano (Lepidoptera Tortricidae). Memorie della Società Entomologica Italiana 70:267–285.





